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AUTOMATIC COUNTERS

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AUTOMATIC COUNTERS

1983

Prepared by the

State of Montana Department of Highways

Planning and Statistics Bureau

In cooperation with

U.S. DEPARTMENT OF TRANSPORTATION

FEDERAL HIGHWAY ADMINISTRATION

BUREAU OF PUBLIC ROADS

BRITISH COLUMBIA
ALBERTA
DOMINION OF CANADA
SASKATCHEWAN
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SANDERS
LAKE
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MISSOULA
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GRANITE
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DEER LODGE
SILVER BOW
BEAVERHEAD
MADISON
GALLATIN
PARK
CARBON
STILLWATER
SWEET GRASS
YELLOWSTONE
BIG HORN
TREASURE
ROSEBUD
CUSTER
POWDER
CARTER
FALLON
WIBAUX
DAWSON
RICHLAND
McCONE
GARFIELD
PETROLEUM
FERGUS
JUDITH BASIN
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BROADWATER
CASCADE
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DANIELS
SHERIDAN
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Kalispell
Great Falls
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Billings
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Helena
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Anaconda
Livingston
Dillon
Virginia City
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Hardin
Forsyth
Roundup
Harlowton
Townsend
Three Forks
Whitefish
Columbia Falls
Polson
Thompson Falls
Hot Springs
Plains
Superior
Deer Lodge
Philipsburg
Drummond
Hamilton
Darby
Stevensville
Lincoln
Choteau
Fairfield
Conrad
Cut Bank
Browning
Shelby
Valier
Sunburst
Kevin
Rudyard
Havre
Chinook
Harlem
Malta
Dodson
Wolf Point
Culbertson
Scobey
Opheim
Froid
Plentywood
Outlook
Westby
Circle
Jordan
Terry
Forsyth
Miles City
Baker
Ekalaka
Broadus
Alzada
Belle Fourche
Lemmon
Hettinger
Reeder
Bowman
Scranton
Dickinson
Mandan
Bismarck
Wibaux
Beach
Sidney
Fairview
Crane
Savage
Glendive
Terry
Forsyth
Roundup
Harlowton
Lewistown
Winnett
Jordan
Glasgow
Wolf Point
Culbertson
Scobey
Opheim
Froid
Plentywood
Outlook
Westby
Circle

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INTRODUCTION

This report contains a brief, concise summary of traffic patterns at each permanent traffic counter that was in operation during the year 1983. The traffic volumes for each month and day of the week are compared to average daily traffic for the year. A total of 52 automatic traffic counters were in operation during 1983.

At each recorder the highest, the 10th, the 20th, the 30th, the 40th and the 50th highest hours that accured during each year are shown as a computed percentage figure of the average daily traffic. These are compared to the previous twelve years and 1941 and 1961 as to stability and accuracy.

The 52 counters are distributed to the Highway System as follows:

10 on Interstate Principal Arterial Rural	3 on FAU Minor Arterial
16 on Primary Principal Arterial Rural	4 on FAS Major Collector
3 on Primary Principal Arterial Urban	2 on Off System Collector Urban
8 on Primary Minor Arterial Rural	4 on Off System Major Collector Rural
1 on FAU Principal Arterial	1 on Off System Minor Collector Rural

30TH. MAXIMUM HOUR

The American Association of Highway officials decided it was not practical to design for the average daily traffic or the highest traffic that occurs during the year. If highways are designed for the average daily traffic, there would be times when the movement of vehicles would surge far above the average. If designed for the highest traffic volume, such conditions would occur only once or twice a year. Upon thorough investigation, it was agreed that the 30th. highest hour would be a feasible traffic volume for design purposes. This particular hour is known as the Design Hour Volume, or the 30th. maximum hour, and was to be used as the criterion for the design of the "National System of Interstate Highways". It is also now used in the design of Primary and Secondary Highways in Montana.

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-1
LOCATION I-90, 10.0 miles east of Missoula

YEAR 1983

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 27.8 % Foreign Pass Cars 21.8 % Pickups 22.1 % Commercial 28.3 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	3559	3157	3165	3236	3417	3965	3306	3395	3377	100.53	62.93
February	3702	3706	3360	3415	3737	4409	3662	3713	3725	99.68	68.83
March	4742	3875	3940	4124	4803	5092	4539	4430	4357	101.68	82.12
April	4786	4419	4172	4262	4444	5454	4697	4636	4593	100.94	85.94
May	5418	5157	4844	4802	5048	6237	5542	5278	5198	101.54	97.84
June	7676	6825	6842	6754	7152	7810	7448	7198	7065	101.88	133.43
July	8143	7659	7817	7776	7981	9148	8350	8166	8127	100.48	151.38
August	8256	7621	7466	7528	8006	8879	8069	7933	7853	101.02	147.06
September	6459	6335	6118	6126	6395	7383	6981	6566	6509	100.88	121.72
October	5448	4741	4751	5064	5246	6217	5405	5261	5182	101.52	97.53
November	5169	4008	4258	4777	4393	5067	4711	4619	4502	102.60	85.63
December	2832	3443	3548	3560	3659	4083	3489	3538	3678	96.19	65.59
Daily average for year	5516	5079	5273	5119	5357	5979	5517	5394	5347	100.88	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-1
Functional Class Principal Arterial

Route I-90, East of Missoula
Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	1251	290	23.2	216	17.3	196	15.7	195	15.6				
1961	2238	390	17.4	290	12.9	283	12.6	279	12.5	267	11.9	164	11.7
1971	3596	540	15.0	487	13.5	470	13.1	460	12.8	456	12.7	454	12.6
1972	3983	609	15.3	555	13.9	536	13.4	521	13.1	514	12.9	509	12.8
1973	4241	621	14.6	555	13.9	543	12.8	537	12.6	531	12.5	525	12.4
1974	4336	615	14.2	581	13.4	564	13.0	557	12.8	551	12.7	541	12.5
1975	4234	616	14.5	580	13.7	562	13.3	555	13.1	550	13.0	545	12.9
1976	4757	696	14.6	621	13.1	608	12.8	598	12.6	590	12.4	582	12.2
1977	5271	748	14.2	693	13.1	681	12.9	673	12.8	668	12.7	660	12.5
1978	5410	774	14.3	692	12.8	671	12.4	658	12.2	650	12.0	644	11.9
1979	5121	684	13.4	615	12.0	586	11.4	578	11.3	568	11.1	563	11.0
1980	4840	691	14.3	636	13.1	612	12.6	604	12.5	596	12.3	589	12.2
1981	5137	983	19.1	659	12.8	649	12.6	639	12.4	630	12.3	628	12.2
1982	5091	767	15.1	712	14.0	677	13.3	663	13.0	648	12.7	641	12.6
1983	5394	786	14.6	709	13.1	691	12.8	685	12.7	676	12.5	670	12.4

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-2 YEAR 1983

LOCATION U.S./2 & Mont. 287, 0.5 miles east of East Helena

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montono Pass Cars 45.7 % Foreign Pass Cars 10.6 % Pickups 31.0 % Commercial 12.7 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	2549	2229	2069	2134	2359	2939	2273	2363	2340	100.98	74.16
February	3118	2559	2289	2406	2644	3391	2856	2752	2658	103.54	86.37
March	3609	2655	2564	2656	2910	3373	2993	2941	2815	104.48	92.30
April	3525	2807	2570	2643	2858	3866	3194	3097	2992	103.51	97.20
May	3811	3209	2754	2899	3023	4093	3549	3327	3176	104.75	104.41
June	4254	3623	3403	3515	3702	4552	4121	3863	3745	103.15	121.24
July	4461	4121	3851	3885	4024	4810	4244	4229	4170	101.41	132.72
August	4535	3810	3709	3710	3877	4649	4118	4028	3924	102.65	126.41
September	3698	3448	3146	3117	3316	4166	3892	3554	3466	102.54	111.54
October	3466	2915	2730	2776	2976	3913	3530	3198	3055	104.68	100.37
November	3274	2487	2560	2723	2791	3316	2870	2845	2763	102.97	89.29
December	1699	2023	2040	2003	1969	2412	2051	2039	2099	97.14	63.99
Daily average for year	3500	2991	2807	2872	3037	3790	3308	3186	3100	100.03	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-2
Functional Class Principal Arterial

Route U.S. 12, East of East Helena
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	1820	276	15.2	258	14.2	251	13.8	246	13.5	242	13.3	238	13.1
1971	2651	463	17.5	414	15.6	399	15.1	385	14.5	375	14.1	369	13.9
1972	2900	513	17.7	452	15.6	425	14.7	412	14.2	402	13.9	395	13.6
1973	3046	519	17.0	474	15.6	443	14.5	422	13.9	410	13.5	405	13.3
1974	2997	507	16.9	445	14.8	425	14.2	414	13.8	406	13.5	398	13.3
1975	2974	531	17.9	473	15.9	455	15.3	444	14.9	433	14.6	422	14.2
1976	3357	519	15.5	475	14.2	448	13.3	440	13.1	426	12.7	417	12.4
1977	3614	610	16.9	515	14.3	490	13.6	473	13.1	464	11.8	457	12.6
1978	New Alignment												
1979	2733	442	16.2	411	15.0	379	13.9	365	13.4	358	13.1	350	12.8
1980	2574	432	16.8	375	14.6	355	13.8	345	13.4	336	13.1	331	12.9
1981	2803	477	17.0	405	14.4	390	13.9	379	13.5	373	13.3	367	13.1
1982	2879	455	15.8	429	14.9	405	14.1	393	13.7	387	13.4	385	13.3
1983	3186	581	18.2	494	15.5	449	14.0	427	13.4	417	13.1	405	12.7

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-5 YEAR 1983

LOCATION Mont. 7, 1.0 mile south of Wibaux

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montono Pass Cors 21.4 % Foreign Pass Cors 28.3 % Pickups 23.8 % Commercial 26.5 %

Month	Average Daily Number of Vehicles									Percent the Average Doy is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Doy of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sundoy thru Soturdoy	Monday thru Fridoy		
January											
February											
Morch											
April											
May											
June	Machine	back in	service	6-24-83							
July	1198	1256	828	730	748	892	1252	999	891	112.12	
August	1157	796	715	731	830	1081	1105	900	820	109.76	
September	661	665	669	696	645	745	807	698	685	101.90	
October	747	726	746	844	842	812	857	794	791	100.38	
November	743	751	747	770	784	796	734	761	769	98.96	
December	670	733	823	810	743	827	757	767	787	97.46	
Daily overage for year											

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-5
Functional Class Minor Arterial

Route Montana 7, South of Wibaux
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	219	50	22.8	37	16.9	34	15.5	33	15.1				
1961	541	102	18.8	74	13.7	68	12.6	65	12.0	63	11.6	62	11.5
1971	577	258	44.7	173	30.0	145	25.1	112	19.4	99	17.2	88	15.3
1972	581	254	43.7	164	28.2	135	23.2	114	19.6	94	16.2	82	14.1
1973	577	195	33.8	157	27.2	118	20.5	101	17.5	95	16.5	87	15.1
1974	573	256	44.7	160	17.9	135	23.6	103	18.0	96	16.8	89	15.5
1975	565	273	48.3	154	27.3	125	22.1	110	19.5	99	17.5	91	16.1
1976	655	262	40.0	173	26.4	142	21.7	113	17.3	104	15.9	96	14.7
1977	655	191	29.2	136	20.8	120	18.3	109	16.6	102	15.6	94	14.4
1978	691	247	35.7	151	21.9	134	19.4	121	17.5	112	16.2	103	14.9
1979	651	256	39.3	169	26.0	145	22.3	132	20.3	120	18.4	112	17.2
1980	685	230	33.6	169	24.7	148	21.6	137	20.0	120	17.5	112	16.4
1981	863	255	29.5	181	21.0	145	16.8	125	14.5	114	13.2	108	12.5
1982	Out due to construction												
1983		479		223		185		157		138		127	

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-6 YEAR 1983

LOCATION FAS 288, 0.5 miles south of Manhattan

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 44.3 % Foreign Pass Cars 3.3 % Pickups 39.7 % Commercial 12.7 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	353	462	474	469	488	476	417	445	473	94.08	87.47
February	404	510	496	476	490	506	534	488	495	98.59	95.92
March	416	545	590	526	586	563	508	537	563	95.38	105.55
April	386	556	585	566	616	638	569	562	594	94.61	110.47
May	486	581	569	579	584	580	543	559	578	96.71	109.88
June	441	564	546	556	547	530	492	527	549	95.99	103.59
July	422	498	487	486	498	565	464	488	510	95.69	95.92
August	437	566	525	528	553	550	485	522	544	95.96	102.60
September	403	526	528	565	587	582	538	536	560	95.71	105.36
October	401	532	554	530	557	560	564	525	546	96.15	103.19
November	375	508	493	510	499	547	452	485	510	95.10	95.33
December	322	453	454	399	467	469	434	431	450	95.78	84.72
Daily average for year	377	525	525	516	539	547	500	509	531	95.86	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-6
Functional Class Major Collector

Route FAS 288, South of Manhattan
Traffic Type Secondary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	255	90	35.3	50	19.6	44	17.3	42	16.5				
1961	328	144	43.9	64	19.5	51	15.5	47	14.3	45	13.7	43	13.1
1971	389	97	14.9	67	17.2	56	14.4	52	13.4	50	12.9	49	12.6
1972	380	72	24.2	58	15.3	53	13.9	51	13.4	48	12.6	48	12.6
1973	412	111	26.9	69	16.7	58	14.1	56	13.6	54	13.1	52	12.6
1974	386	90	23.3	64	16.6	56	14.5	53	13.7	51	13.2	50	13.0
1975	413	131	31.7	64	15.5	57	13.8	55	13.3	53	12.8	52	12.6
1976	444	88	19.8	62	14.0	58	13.1	57	12.8	55	12.4	54	12.2
1977	467	99	21.2	69	14.8	63	13.5	60	12.8	58	12.4	57	12.2
1978	492	110	22.4	74	15.0	65	13.2	63	12.8	61	12.4	60	12.2
1979	539	94	17.4	70	13.0	67	12.4	65	12.1	63	11.7	62	11.5
1980	513	92	17.9	70	13.6	63	12.3	61	11.9	60	11.7	59	11.5
1981	496	105	21.2	73	14.7	66	13.3	63	12.7	61	12.3	59	11.9
1982	505	92	18.2	78	15.4	69	13.7	65	12.9	63	12.5	61	12.1
1983	509	89	17.5	73	14.3	67	13.2	64	12.6	62	12.2	60	11.8

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-7 YEAR 1983

LOCATION I-15, 2.0 miles north of Wolf Creek

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 40.2 % Foreign Pass Cars 21.3 % Pickups 19.7 % Commercial 18.8 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1949	1628	1536	1606	1644	2078	1756	1746	1695	103.01	73.87
February	2200	1827	1636	1632	1937	2430	2137	1971	1893	104.12	83.39
March	2431	1887	1813	1952	2230	2453	2349	2144	2058	104.18	90.71
April	2744	2188	1895	2053	2089	2859	2548	2364	2247	105.21	100.01
May	2931	2141	1856	2010	2100	2931	2689	2373	2189	108.41	100.40
June	3313	2465	2392	2441	2602	3247	3043	2768	2620	105.65	117.11
July	3671	3095	2857	2916	2904	3706	3431	3262	3124	104.42	138.00
August	3539	2822	2666	2778	2859	3524	3309	3040	2907	104.58	128.61
September	2772	2572	2293	2231	2296	3084	2982	2610	2513	103.86	110.42
October	2684	2093	2042	2172	2284	3083	2633	2431	2323	104.65	102.85
November	2565	1665	1808	2080	2035	2408	2036	2076	1994	104.11	87.83
December	1282	1565	1581	1608	1502	1846	1622	1579	1623	97.29	66.80
Daily average for year	2673	2162	2031	2123	2207	2804	2545	2364	2266	104.37	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-7
Functional Class Principal Arterial

Route I-15, North of Wolf Creek
Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	534	129	24.2	108	20.2	97	18.2	93	17.4				
1961	1096	176	16.1	157	14.3	148	13.5	143	13.0	139	12.7	136	12.4
1971	1647	338	20.5	259	15.7	250	15.2	246	14.9	238	14.5	232	14.1
1972	1792	358	20.0	307	17.1	281	15.7	268	15.0	257	14.3	247	13.8
1973	1795	347	19.3	303	16.9	288	16.0	276	15.4	262	14.6	255	14.2
1974	1796	373	20.8	295	16.4	282	15.7	258	14.4	249	13.9	245	13.6
1975	Counter out due to mechanical failure												
1976	2035	366	18.0	313	15.4	300	14.7	288	14.2	277	13.6	270	13.3
1977	2167	421	19.4	353	16.3	333	15.4	319	14.7	311	14.4	303	14.0
1978	2266	396	17.5	348	15.4	325	14.3	312	13.8	307	13.5	301	13.3
1979	2112	456	21.6	370	17.5	309	14.6	297	14.1	292	13.8	284	13.4
1980	2048	406	19.8	318	15.5	290	14.2	273	13.3	268	13.1	266	13.0
1981	2169	434	20.0	333	15.4	304	14.0	297	13.7	290	13.4	285	13.1
1982	2173	433	19.9	351	16.2	321	14.8	315	14.5	308	14.2	297	13.7
1983	2364	466	19.7	358	15.1	342	14.5	331	14.0	322	13.6	316	13.4

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-8 YEAR 1983

LOCATION U.S. 93, 0.5 miles south of Ravalli

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 45.3 % Foreign Pass Cars 7.1 % Pickups 29.4 % Commercial 18.2 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	2548	2851	2920	2950	3140	3729	2800	2966	3105	95.52	68.41
February	3043	3168	3241	3166	3523	3919	3268	3333	3403	97.94	76.88
March	3596	3433	3522	3555	3960	4262	4096	3766	3738	100.75	86.86
April	3826	3783	3573	3607	3762	4656	4046	3924	3913	100.28	90.51
May	4502	4254	4046	4101	4287	5241	4733	4434	4364	101.60	102.27
June	5241	4918	4926	4828	5135	5840	5064	5126	5116	100.20	118.23
July	6631	6493	6172	5892	6042	7210	6604	6472	6402	101.09	149.28
August	6327	5911	5601	5692	6064	6886	6082	6047	5992	100.92	139.47
September	4524	4889	4642	4586	4860	5803	5276	4966	4990	99.52	114.54
October	4029	3938	3852	4037	4280	5013	4589	4242	4210	100.76	97.84
November	3624	3396	3673	4015	3754	4340	3877	3813	3836	99.40	87.95
December	2219	2881	2965	3030	3046	3519	2774	2938	3106	94.59	67.76
Daily average for year	4176	4160	4094	4122	4321	5035	4434	4336	4348	99.72	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-8
Functional Class Principal Arterial

Route U.S. 93, South of Ravalli
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	848	378	44.6	200	23.6	167	19.7	153	18.0				
1961	1811	527	29.1	305	16.8	281	15.5	271	15.0	262	14.5	250	13.8
1971	2922	551	18.9	462	15.8	425	14.5	414	14.2	407	13.9	396	13.6
1972	3258	521	16.0	473	14.5	456	14.0	447	13.7	435	13.4	428	13.1
1973	3481	508	14.6	464	13.3	445	12.8	440	12.6	430	12.4	425	12.2
1974	3384	508	15.0	471	13.9	459	13.6	446	13.2	437	13.0	431	12.7
1975	3401	571	16.8	505	14.8	480	14.1	471	13.8	464	13.6	458	13.5
1976	3673	602	16.4	545	14.8	517	14.1	506	13.8	496	13.5	489	13.3
1977	3879	746	19.2	582	15.0	553	14.3	534	13.8	526	13.6	517	13.3
1978	4026	655	16.3	578	14.4	565	14.0	552	13.7	540	13.4	532	13.2
1979	3952	630	15.9	561	14.2	530	13.4	516	13.1	504	12.8	496	12.6
1980	3869	678	17.5	574	14.8	548	14.2	514	13.3	508	13.1	499	12.9
1981	3932	638	16.2	553	14.1	529	13.5	515	13.1	510	13.0	502	12.8
1982	3913	774	19.8	592	15.1	564	14.4	540	13.8	526	13.4	518	13.2
1983	4336	705	16.3	604	13.9	582	13.4	566	13.1	554	12.8	548	12.6

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-9 YEAR 1983

LOCATION I-15, 7.0 miles west of Great Falls

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 44.9 % Foreign Pass Cars 7.3 % Pickups 31.5 % Commercial 16.3 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	3829	4345	4237	4387	4512	5139	4330	4375	4516	96.88	81.06
February	4291	4622	4429	4489	4780	5698	4770	4725	4803	98.38	87.54
March	4523	4945	4920	4946	5390	5471	4992	5032	5128	98.13	93.23
April	5073	5348	5075	5136	5314	6539	5430	5454	5533	98.57	101.05
May	5339	5191	4747	5182	5457	6541	5824	5432	5382	100.93	100.64
June	6058	6081	5868	5916	6131	6825	6040	6124	6151	99.56	113.47
July	6333	6845	6653	6659	6682	7841	6866	6856	6979	98.24	127.03
August	6271	6874	6466	6656	6845	7646	6693	6768	6867	98.56	125.40
September	5130	5741	5705	5531	5948	6800	5986	5870	5984	98.09	108.76
October	5186	5439	5333	5482	5678	6693	5948	5665	5711	99.19	104.96
November	4808	4662	4758	5194	5144	5817	5175	5073	5102	99.43	93.99
December	2596	3268	3464	3479	3451	3854	3487	3393	3517	96.47	62.87
Daily average for year	4953	5280	5138	5255	5444	6239	5462	5397	5473	98.62	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-9
Functional Class Principal Arterial

Route I-15, West of Great Falls
Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	1490	277	18.6	224	15.0	207	13.9	195	13.1				
1961	3613	692	19.2	455	12.6	420	11.6	411	11.4	397	11.0	388	10.7
1971	4789	675	14.1	590	12.3	538	11.2	520	10.9	504	10.5	496	10.4
1972	4851	644	13.3	572	11.8	542	11.2	518	10.7	509	10.5	502	10.4
1973	4858	804	16.6	570	11.7	549	11.3	525	10.8	508	10.5	496	10.2
1974	4910	646	13.2	545	11.1	519	10.6	508	10.3	492	10.0	484	9.9
1975	5115	654	12.8	595	11.6	557	10.9	535	10.5	516	10.1	507	9.9
1976	5267	755	14.3	578	11.0	554	10.5	540	10.3	533	10.1	518	9.8
1977	5613	720	12.8	664	11.8	643	11.5	627	11.1	613	10.9	609	10.8
1978	Counter temporarily removed												
1979	Counter back in operation May 25, 1979												
1980	5074	707	13.9	613	12.1	589	11.6	575	11.3	558	11.0	551	10.9
1981	5209	681	13.1	596	11.4	579	11.1	562	10.8	555	10.7	547	10.5
1982	5195	730	14.1	629	12.1	600	11.6	583	11.2	572	11.0	563	10.8
1983	5397	711	13.2	646	12.0	610	11.3	597	11.1	592	11.0	582	10.8

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-10 YEAR 1983

LOCATION U.S. 2, 2.0 miles east of Wolf Point

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 41.4 % Foreign Pass Cars 12.0 % Pickups 25.8 % Commercial 13.8 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1202	1933	1939	2064	1964	2248	1694	1839	2025	90.81	79.91
February	1371	1901	2041	2129	2243	2366	1999	2007	2136	93.96	87.21
March	1325	1933	2086	2228	2330	2435	2054	2071	2204	93.97	89.99
April	1581	2386	2336	2417	2548	2669	2186	2312	2481	93.19	100.47
May	1712	2329	2528	2476	2173	2779	2285	2312	2454	94.25	100.51
June	2013	2853	2746	2832	2935	3181	2475	2730	2907	93.91	118.63
July	2286	2697	2797	2951	2979	3258	2642	2796	2952	94.72	121.50
August	2063	2848	2716	2854	2915	3146	2499	2728	2884	94.59	118.54
September	1763	2285	2514	2519	2553	2735	2188	2384	2532	94.15	103.60
October	1567	2233	2347	2411	2462	2742	2132	2242	2429	92.30	97.43
November	1536	2413	2303	2418	2274	2442	2058	2216	2369	93.54	96.30
December	1179	1937	2173	2254	2182	2301	1738	1977	2176	90.85	85.91
Daily average for year	1633	2312	2377	2463	2463	2692	2163	2301	2462	93.47	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-10
Functional Class ~~Principal Arterial~~

Route U.S. 2, East of Wolf Point
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	503	176	35.0	102	20.3	72	14.3	64	12.7				
1961	1347	218	16.2	195	14.5	164	12.2	150	11.1	143	10.6	138	10.2
1971	1648	305	18.5	211	12.8	198	12.0	191	11.6	185	11.2	182	11.0
1972	1662	275	16.5	225	13.5	204	12.3	201	12.1	196	11.8	192	11.6
1973	1744	342	19.6	263	15.1	225	12.9	212	12.2	207	11.9	203	11.6
1974	1693	242	14.3	206	12.2	198	11.7	194	11.5	192	11.3	188	11.1
1975	1850	344	18.6	254	13.7	232	12.5	223	12.1	217	11.7	213	11.5
1976	1972	279	14.1	246	12.5	233	11.8	230	11.7	226	11.5	223	11.3
1977	2063	273	13.2	254	12.3	245	11.9	235	11.4	232	11.2	227	11.0
1978	2241	321	14.3	280	12.5	273	12.2	267	11.9	261	11.6	258	11.5
1979	1996	272	13.6	235	11.8	228	11.4	222	11.1	220	11.0	216	10.8
1980	2114	256	12.1	236	11.2	229	10.8	223	10.5	221	10.4	216	10.2
1981	2471	340	13.8	292	11.8	284	11.5	273	11.0	267	10.8	261	10.6
1982	2257	292	12.9	267	11.8	261	11.6	258	11.4	256	11.3	251	11.1
1983	2301	298	13.0	274	11.9	268	11.7	260	11.3	256	11.1	252	11.0

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-11 YEAR 1983

LOCATION I-90, 6.0 miles west of Billings

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 49.3 % Foreign Pass Cars 10.9 % Pickups 23.6% Commercial 16.2 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	8695	9592	9189	9630	9503	10848	9596	9552	9745	98.02	82.01
February	9505	9739	9332	9393	9809	11406	10497	9955	9936	100.19	85.47
March	10051	10466	10302	10689	11295	11818	11269	10833	10894	99.44	93.01
April	10962	10971	10600	10887	11012	12982	11503	11338	11371	99.71	97.34
May	10482	10420	9816	9654	9635	11752	10846	10359	10243	101.13	88.94
June	12257	12196	12102	12190	12470	13104	12481	12395	12405	99.92	106.42
July	14739	14693	14192	14201	14479	16406	15022	14875	14873	100.01	127.71
August	15074	14200	13946	14097	14487	16252	15219	14688	14529	101.09	126.10
September	12511	12252	12093	12129	12492	14051	13498	12755	12664	100.72	109.51
October	11055	11618	11368	11831	12086	13667	12182	11938	12090	98.74	102.49
November	10255	10582	10575	11402	10865	12229	11069	10996	11117	98.91	94.41
December	7802	9877	10377	10511	10310	11500	9873	10550	10550	95.60	86.59
Daily average for year	11116	11384	11158	11384	11538	13001	11921	11648	11701	99.54	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-11
Functional Class Principal Arterial

Route I-90, West of Billings
Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	2913	564	19.4	423	14.5	388	13.2	370	12.7				
1961	Under construction												
1971	7638	927	12.1	835	10.9	799	10.5	781	10.2	771	10.1	762	10.0
1972	8299	949	11.4	911	11.0	872	10.5	860	10.4	843	10.2	833	10.0
1973	8732	1131	13.0	1018	11.7	982	11.2	942	10.8	923	10.6	906	10.4
1974	8611	1091	12.7	948	11.0	913	10.6	897	10.4	884	10.3	871	10.1
1975	9161	1151	12.6	1073	11.7	1031	11.3	999	10.9	979	10.7	971	10.6
1976	10143	1427	14.1	1129	11.1	1093	10.8	1069	10.5	1054	10.4	1047	10.3
1977	10646	1358	12.8	1195	11.2	1150	10.8	1130	10.6	1109	10.4	1098	10.3
1978	11292	1485	13.2	1259	11.1	1220	10.8	1194	10.6	1183	10.5	1166	10.3
1979	11112	1443	13.0	1170	10.5	1126	10.1	1109	10.0	1093	9.8	1079	9.7
1980	10367	1242	12.0	1140	11.0	1088	10.5	1062	10.2	1040	10.0	1018	9.8
1981	10948	1291	11.8	1185	10.8	1143	10.4	1117	10.2	1095	10.0	1081	9.9
1982	11331	1368	12.1	1232	10.9	1201	10.6	1174	10.4	1153	10.2	1137	10.0
1983	11648	1455	12.5	1264	10.9	1214	10.4	1199	10.2	1175	10.1	1156	9.9

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-12 YEAR 1983

LOCATION U.S. 87 & Mont. 200, 6.0 miles west of Lewistown

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 41.3 % Foreign Pass Cars 7.2 % Pickups 37.8% Commercial 13.7 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1086	1316	1348	1251	1332	1530	1137	1275	1353	94.24	74.92
February	1257	1356	1352	1260	1441	1684	1289	1377	1418	97.11	80.91
March	1213	1434	1466	1457	1533	1519	1239	1416	1482	95.55	83.20
April	1506	1638	1631	1603	1656	1949	1559	1656	1707	97.01	97.30
May	1706	1804	1556	1613	1545	2075	1796	1724	1715	100.52	101.30
June	1969	1978	2007	1982	2044	2329	1916	2031	2063	98.45	119.34
July	2123	2145	2091	2096	2140	2540	2161	2194	2218	98.92	128.91
August	2036	2138	2018	2002	2086	2394	2040	2097	2118	99.01	123.21
September	1837	1732	1870	1805	1840	2171	1913	1889	1895	99.68	110.99
October	1803	1918	1804	1889	2002	2314	1823	1928	1982	97.28	113.29
November	1647	1512	1566	1724	1761	1822	1622	1664	1674	99.40	97.77
December	847	1212	1259	1280	1127	1328	1134	1172	1240	94.52	68.86
Daily average for year	1586	1682	1664	1664	1709	1971	1636	1702	1739	97.87	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-12
Functional Class Principal Arterial

Route U.S. 87 & Mont. 200, West of Lewistown
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	637	120	18.8	97	15.2	90	14.1	84	13.2				
1961	1491	194	13.0	172	11.5	167	11.2	163	10.9	161	10.8	158	10.6
1971	1498	315	21.0	181	12.1	171	11.4	165	11.0	162	10.8	160	10.7
1972	1458	352	24.1	267	18.3	212	14.5	186	12.8	177	12.1	170	11.7
1973	1647	262	15.9	235	14.3	215	13.1	203	12.3	198	12.0	191	11.6
1974	1619	251	15.5	190	11.7	177	10.9	174	10.7	172	10.6	168	10.4
1975	1548	329	21.3	217	14.0	194	12.5	186	12.0	180	11.6	170	11.5
1976	1590	283	17.8	209	13.1	194	12.2	188	11.8	185	11.6	182	11.4
1977	1656	246	14.9	209	12.6	199	12.0	193	11.7	190	11.5	186	11.2
1978	1910	296	15.5	266	13.9	252	13.2	241	12.6	235	12.3	230	12.0
1979	1777	302	17.0	217	12.2	208	11.7	200	11.3	197	11.1	195	11.0
1980	1648	264	16.0	211	12.8	201	12.2	194	11.8	190	11.5	187	11.3
1981	1698	247	14.5	215	12.7	201	11.8	200	11.7	195	11.5	191	11.2
1982	1655	245	14.8	214	12.9	204	12.3	199	12.0	196	11.8	193	11.7
1983	1702	276	16.2	216	12.7	207	12.2	200	11.8	197	11.6	195	11.5

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-13 YEAR 1983

LOCATION U.S. 191, 7.0 miles north of Lewistown

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 39.1 % Foreign Pass Cars 4.2 % Pickups 43.5 % Commercial 12.9 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	818	1008	1021	974	971	1061	890	958	1007	95.13	81.76
February	912	973	1008	983	994	1133	912	988	1018	97.05	84.32
March	927	1053	1096	1055	1115	1063	868	1031	1078	95.64	88.00
April	1126	1243	1176	1177	1163	1328	1125	1193	1223	97.55	101.82
May	1247	1349	1210	1267	1128	1348	1275	1261	1262	99.92	107.63
June	1308	1329	1343	1342	1404	1451	1205	1342	1374	97.67	114.54
July	1475	1408	1382	1361	1452	1550	1406	1438	1436	100.14	122.73
August	1296	1339	1341	1330	1346	1415	1369	1347	1352	99.63	114.97
September	1141	1102	1297	1198	1185	1333	1315	1227	1226	100.08	104.72
October	1256	1314	1272	1244	1323	1402	1299	1300	1311	99.16	110.95
November	1202	1110	1116	1153	1237	1272	1212	1182	1174	100.68	100.88
December	579	854	902	800	801	857	752	793	841	94.29	67.68
Daily average for year	1109	1151	1180	1157	1177	1268	1136	1172	1192	98.32	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-13
Functional Class Minor Arterial

Route U.S. 191, North of Lewistown
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	407	111	27.3	83	20.4	67	16.5	63	15.5				
1961	1239	212	17.1	172	13.9	166	13.4	162	13.1	158	12.8	156	12.6
1971	1083	161	14.9	135	12.5	131	12.1	127	11.7	123	11.4	121	11.2
1972	1044	173	16.6	142	13.6	135	12.9	132	12.6	125	12.0	122	11.7
1973	1084	161	14.9	148	13.7	140	13.0	134	12.4	131	12.1	129	12.0
1974	1183	171	14.5	145	12.3	138	11.7	135	11.4	131	11.1	129	10.9
1975	1078	146	13.5	139	12.9	132	12.2	129	12.0	127	11.8	125	11.6
1976	1197	165	13.8	150	12.5	145	12.1	139	11.6	136	11.4	134	11.2
1977	1197	178	14.9	147	12.3	142	11.9	140	11.7	137	11.4	133	11.1
1978	1382	236	17.1	200	14.5	192	13.9	185	13.4	182	13.2	176	12.7
1979	1249	438	35.1	159	12.7	154	12.3	148	11.8	145	11.6	142	11.4
1980	1209	163	13.5	150	12.4	144	11.9	141	11.7	138	11.4	135	11.2
1981	1223	157	12.8	147	12.0	141	11.5	137	11.2	135	11.0	132	10.8
1982	1141	174	15.3	144	12.6	138	12.1	135	11.8	132	11.6	129	11.3
1983	1172	176	15.0	148	12.6	140	12.0	135	11.5	134	11.4	132	11.3

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-14 YEAR 1983

LOCATION FAS 278, 4.0 miles southwest of Dillon

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 30.1 % Foreign Pass Cars 5.2 % Pickups 44.0 % Commercial 18.7 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	408	338	329	342	359	398	365	363	352	103.13	81.91
February	436	348	328	345	358	427	428	381	361	105.54	85.97
March	421	312	302	331	357	383	378	352	336	104.76	79.43
April	341	328	300	308	366	361	352	338	334	101.20	76.27
May	452	411	357	395	404	456	443	416	403	103.23	93.87
June	578	482	465	480	515	543	514	510	497	102.62	115.08
July	740	602	577	575	592	615	727	638	593	107.59	143.96
August	760	558	545	547	561	591	646	596	559	106.62	134.49
September	607	510	452	446	468	508	588	510	478	106.69	115.08
October	518	485	412	435	428	482	500	469	450	104.22	105.83
November	473	394	375	392	425	480	481	428	410	104.39	96.58
December	333	313	286	275	308	320	370	317	302	104.97	71.53
Daily average for year	506	423	394	406	428	464	483	443	423	104.73	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-14
Functional Class Major Collector

Route FAS 278, Southwest of Dillon
Traffic Type Secondary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	290	120	41.4	70	24.1	49	16.9	47	16.2				
1961	311	63	20.3	51	16.4	47	15.1	45	14.5	44	14.1	43	13.8
1971	405	107	26.4	74	18.3	65	16.0	60	14.8	58	14.3	56	13.8
1972	393	95	24.2	66	16.8	60	15.3	58	14.8	57	14.5	55	14.0
1973	427	86	20.1	73	17.1	65	15.2	61	14.3	59	13.8	57	13.3
1974	443	83	18.7	68	15.3	63	14.2	59	13.3	56	12.6	55	12.4
1975	418	111	26.6	70	16.7	65	15.6	60	14.4	57	13.6	56	13.4
1976	550	111	20.2	83	15.1	74	13.5	69	12.5	66	12.0	63	11.5
1977	590	129	21.9	90	15.3	83	14.1	81	13.7	76	12.9	75	12.7
1978	541	144	26.6	95	17.6	84	15.5	78	14.4	74	13.7	72	13.3
1979	581	135	23.2	93	16.0	84	14.5	78	13.4	75	12.9	73	12.6
1980	566	137	24.2	98	17.3	89	15.7	81	14.3	79	13.9	75	13.2
1981	435	144	33.1	87	20.0	73	16.8	66	15.2	64	14.7	61	14.0
1982	422	120	28.4	72	17.1	69	16.4	66	15.6	62	14.7	61	14.5
1983	443	94	21.2	77	17.4	70	15.8	66	14.9	64	14.5	62	14.0

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-15 YEAR 1983

LOCATION Mont. 200, 4.0 miles northeast of Bonner

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 40.2 % Foreign Pass Cars 6.2 % Pickups 30.9 % Commercial 22.7 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1421	1491	1518	1473	1556	1929	1369	1526	1588	96.10	64.55
February	1593	1806	1657	1620	1714	1991	1508	1698	1758	96.59	71.83
March	1718	1680	1687	1692	1881	1951	1695	1757	1775	98.99	74.33
April	2227	1917	1705	1773	1798	2353	2214	2017	1930	104.51	85.33
May	3095	2509	2076	2074	2236	2950	3032	2567	2362	108.68	108.59
June	3155	2740	2604	2678	2741	3157	3051	2864	2777	103.13	121.15
July	3991	3472	3120	2936	3071	3745	3696	3469	3291	106.23	146.75
August	4274	3121	3029	3101	3154	3769	3732	3419	3215	106.35	144.63
September	2967	2748	2560	2543	2713	3063	3041	2810	2740	102.55	118.87
October	2594	2407	2415	2492	2543	2979	2546	2563	2559	100.16	108.42
November	2531	2056	2170	2264	2185	2655	2509	2330	2261	103.05	98.57
December	1020	1475	1421	1376	1367	1556	1191	1347	1441	93.48	56.98
Daily average for year	2549	2285	2163	3502	2247	2675	2465	2364	2308	102.43	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-15
Functional Class Principal Arterial

Route Montana 200, Northeast of Bonner
Traffic Type Primary - Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	292	160	54.7	119	40.7	111	38.0	102	34.9				
1961	1231	311	25.3	213	17.3	201	16.3	188	17.3	184	14.9	179	14.5
1971	1811	399	22.0	340	18.8	321	17.7	302	16.7	292	16.1	280	15.5
1972	1782	444	24.9	346	19.4	322	18.1	315	17.7	303	17.0	293	16.4
1973	1966	383	19.5	350	17.8	330	16.8	316	16.1	308	15.7	299	15.2
1974	2017	421	20.9	354	17.6	330	16.4	318	15.8	311	15.4	303	15.0
1975	1961	495	25.2	395	20.1	363	18.5	332	16.9	312	15.9	302	15.4
1976	2238	425	19.0	368	16.4	345	15.4	326	14.6	320	14.3	312	13.9
1977	2257	527	23.3	389	17.2	377	16.7	363	16.1	356	15.8	348	15.4
1978	2420	486	20.1	411	17.0	382	15.8	364	15.0	352	14.5	342	14.1
1979	2563	990	38.6	407	15.9	392	15.3	370	14.4	360	14.0	348	13.6
1980	2405	516	21.5	416	17.3	386	16.0	363	15.1	349	14.5	340	14.1
1981	2392	505	21.1	401	16.8	376	15.7	363	15.2	350	14.6	341	14.3
1982	2232	446	20.0	381	17.1	364	16.3	349	15.6	335	15.0	328	14.7
1983	2364	536	22.7	431	18.2	388	16.4	373	15.8	362	15.3	352	14.9

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-16 YEAR 1983

LOCATION I-90 & I-15, 3.0 miles west of Butte

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 42.6 % Foreign Pass Cars 17.0 % Pickups 23.3 % Commercial 17.1 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	6016	6160	6356	6523	6529	7181	6234	6400	6531	97.99	76.16
February	6798	6598	6572	6531	6916	7785	7342	6934	6880	100.78	82.51
March	7255	7021	7271	7532	7859	8413	7951	7609	7611	99.97	90.54
April	7462	7584	7517	8016	8079	9186	8142	8043	8129	98.94	95.71
May	8572	8146	8170	8072	8330	9724	9175	8569	8458	101.31	101.97
June	10061	9591	9197	9966	10438	10955	10331	10085	10045	100.40	120.01
July	9881	10510	10472	10851	10694	10582	9831	10373	10620	97.67	123.43
August	10682	10885	10674	10749	11125	11811	11241	10999	11012	99.88	130.88
September	9171	9174	9330	9436	9616	10310	10245	9635	9609	100.27	114.65
October	8225	7915	8121	8354	8657	9548	8637	8471	8490	99.78	100.80
November	7377	6712	7273	7755	7399	8080	7791	7486	7450	100.48	89.08
December	4917	5918	6439	6402	6484	6985	6286	6241	6472	96.43	74.26
Daily average for year	8035	8018	8116	8349	8511	9213	8601	8404	8442	99.55	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-16
Functional Class Principal Arterial

Route I-90 & I-15, West of Butte
Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	4495	619	13.8	543	12.1	523	11.6	513	11.4	504	11.2	497	11.1
1971	7123	884	12.4	845	11.9	828	11.6	817	11.5	802	11.3	790	11.1
1972	7690	1046	13.6	934	12.1	915	11.9	889	11.6	873	11.4	863	11.2
1973	8076	1120	13.9	1032	12.8	996	12.3	962	11.9	943	11.7	928	11.5
1974	8702	1127	13.0	1057	12.1	1025	11.8	1003	11.5	987	11.3	969	11.1
1975	7913	1099	13.9	1003	12.7	977	12.3	949	12.0	937	11.8	921	11.6
1976	8481	1205	14.2	1137	13.4	1100	13.0	1078	12.7	1057	12.5	1041	12.3
1977	8912	1210	13.6	1145	12.8	1103	12.4	1080	12.1	1068	12.0	1049	11.8
1978	9329	1210	13.0	1146	12.3	1103	11.8	1080	11.6	1064	11.4	1052	11.3
1979	8950	1084	12.1	1034	11.6	989	11.1	962	10.7	946	10.6	939	10.5
1980	8303	1035	12.5	944	11.4	909	10.9	896	10.8	879	10.6	872	10.5
1981	8566	1008	11.8	974	11.4	950	11.1	936	10.9	926	10.8	914	10.7
1982	8376	1110	13.3	1018	12.2	989	11.8	975	11.6	960	11.5	949	11.3
1983	8404	1018	12.1	980	11.7	957	11.4	943	11.2	928	11.0	915	10.9

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-17
LOCATION I-15, 0.5 miles north of Lima

YEAR 1983

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 23.4 % Foreign Pass Cars 26.6 % Pickups 22.0 % Commercial 27.9 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	952	925	928	899	906	951	947	931	922	100.98	72.57
February	962	919	929	917	971	1081	1017	971	963	100.83	75.69
March	1174	975	1019	1072	1118	1281	1201	1115	1090	102.29	86.91
April	1216	1262	1194	1230	1295	1487	1255	1283	1303	98.47	100.01
May	1145	1178	1105	1155	1197	1424	1328	1211	1206	100.41	94.39
June	1592	1392	1425	1413	1541	1577	1580	1502	1470	102.18	117.08
July	1915	1711	1697	1715	1758	2104	2025	1863	1811	102.87	145.21
August	1886	1664	1590	1652	1801	1929	1879	1758	1715	102.51	137.03
September	1435	1449	1358	1310	1421	1658	1493	1452	1448	100.28	113.18
October	1336	1196	1171	1162	1242	1394	1266	1254	1231	101.87	97.75
November	1345	1018	1108	1190	1053	1194	1149	1151	1116	103.14	89.72
December	626	821	937	954	1028	1037	870	904	962	93.97	70.46
Daily average for year	1299	1209	1205	1222	1278	1426	1335	1283	1270	101.02	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-17
Functional Class Principal Arterial

Route I-15, North of Lima
Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	593	86	14.5	75	12.6	72	12.1	68	11.5	67	11.3	66	11.1
1971	785	153	19.5	113	14.4	109	13.9	106	13.5	102	13.0	101	12.9
1972	977	187	19.1	138	14.1	131	13.4	125	12.8	122	12.5	119	12.2
1973	976	228	23.4	177	18.1	164	16.8	153	15.7	147	15.1	143	14.7
1974	919	149	16.2	135	14.7	127	13.8	125	13.6	122	13.3	119	12.9
1975	969	166	17.1	140	14.4	134	13.8	128	13.2	125	12.9	123	12.7
1976	1198	206	17.2	177	14.8	167	13.9	161	13.4	158	13.2	154	12.9
1977	1344	210	15.6	181	13.5	174	12.9	168	12.5	164	12.2	161	12.0
1978	1357	231	17.0	197	14.5	183	13.5	178	13.1	174	12.8	169	12.5
1979	1246	203	16.3	163	13.1	149	12.0	142	11.4	138	11.1	136	10.9
1980	1156	196	17.0	162	14.0	153	13.2	145	12.5	141	12.2	140	12.1
1981	1251	187	14.9	171	13.7	162	12.9	157	12.5	154	12.3	152	12.2
1982	1280	209	16.3	178	13.9	167	13.0	163	12.7	160	12.5	157	12.3
1983	1283	224	17.5	198	15.4	177	13.8	171	13.3	169	13.2	167	13.0

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-18 YEAR 1983

LOCATION U.S. 20 & 191, 5.0 miles west of West Yellowstone

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 21.7 % Foreign Pass Cars 28.8 % Pickups 35.7 % Commercial 13.8 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	530	516	517	573	533	496	567	534	526	101.52	32.30
February	668	662	570	592	591	686	724	642	620	103.55	38.83
March	868	689	657	715	780	805	864	763	727	104.95	46.15
April	841	758	760	815	831	921	928	842	822	102.43	50.93
May	1571	1334	1212	1101	1154	1402	1680	1353	1243	108.85	81.84
June	2916	2751	2808	2717	2798	2874	3125	2849	2787	102.22	172.33
July	4197	4074	4018	4139	4061	4193	4470	4177	4102	101.83	252.65
August	3630	3525	3523	3363	3838	4139	4292	3779	3716	101.70	228.58
September	2748	2565	2000	1939	2099	2392	2978	2379	2203	107.99	143.90
October	1380	1244	1244	1255	1315	1465	1441	1337	1302	102.69	80.87
November	789	688	739	796	722	785	744	753	748	100.67	45.55
December	345	436	465	427	447	458	431	431	447	76.42	26.07
Daily average for year	1707	1604	1543	1561	1597	1718	1854	1653	1604	103.05	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-18
Functional Class Principal Arterial

Route U.S. 20 & 191, West of West Yellowstone
Traffic Type Primary - Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	1262	384	30.4	328	26.0	312	24.7	286	22.7	268	21.2	262	20.8
1972	1281	359	28.0	306	23.9	282	22.0	276	21.5	268	20.9	264	20.6
1973	1233	281	22.8	258	20.9	248	20.1	241	19.5	236	19.1	231	18.7
1974	1206	287	23.8	264	21.9	259	21.5	252	20.9	242	20.1	239	19.8
1975	1249	350	28.0	317	25.4	289	23.1	280	22.4	270	21.6	264	21.1
1976	1202	328	27.3	285	23.7	269	22.4	264	22.0	258	21.5	254	21.1
1977	1472	774	52.6	412	28.0	378	25.7	354	24.0	338	23.0	323	21.9
1978	1650	461	27.9	402	24.4	378	22.9	363	22.0	356	21.6	346	21.0
1979	1473	493	33.5	331	22.5	311	21.1	301	20.4	294	20.0	288	19.6
1980	1468	423	28.8	335	22.8	319	21.7	311	21.2	305	20.8	298	20.3
1981	1618	421	26.0	360	22.2	345	21.3	336	20.8	328	20.3	322	19.9
1982	1585	402	25.4	370	23.3	360	22.7	348	22.0	342	21.6	332	20.9
1983	1653	522	31.6	386	23.4	363	22.0	355	21.5	351	21.2	341	20.6

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-19 YEAR 1983

LOCATION U.S. 191, 7.7 miles north of West Yellowstone

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 21.7 % Foreign Pass Cars 28.8 % Pickups 35.7 % Commercial 13.8 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	813	742	731	767	759	837	825	783	766	102.22	48.89
February	948	778	759	767	814	947	957	853	813	104.92	53.26
March	968	827	809	895	869	952	966	894	869	102.88	55.83
April	934	807	804	817	868	942	977	884	852	103.76	55.20
May	1493	1320	1250	1167	1166	1418	1627	1349	1266	106.56	84.24
June	2732	2285	2386	2332	2407	2515	2759	2480	2384	104.03	154.86
July	3568	3300	3235	3428	3374	3439	3638	3438	3359	102.35	214.69
August	3340	3129	3169	3212	3416	3464	3443	3297	3264	101.01	205.88
September	2440	2163	1949	1992	2103	2256	2509	2200	2101	104.71	137.38
October	1354	1305	1238	1316	1351	1444	1464	1355	1329	101.96	84.61
November	1006	870	914	994	982	989	978	961	950	101.16	60.01
December	553	743	757	747	749	793	699	723	759	95.26	45.15
Daily average for year	1679	1522	1500	1536	1572	1666	1737	1601	1559	102.69	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-19
Functional Class Principal Arterial

Route U.S. 191, North of West Yellowstone
Traffic Type Primary - Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	802	285	35.5	220	27.4	212	26.4	204	25.4	196	24.4	196	24.2
1971	1142	301	26.4	258	22.6	244	21.4	227	19.9	223	19.5	219	19.2
1972	1201	288	24.0	243	20.2	230	19.2	227	18.9	223	18.6	221	18.4
1973	1142	248	21.7	222	19.4	214	18.7	208	18.2	205	18.0	203	17.8
1974	1249	275	22.0	257	20.6	248	19.9	243	19.5	239	19.1	236	18.9
1975	1285	423	32.9	275	21.4	268	20.9	260	20.2	256	19.9	251	19.5
1976	1383	335	24.2	283	20.5	270	19.5	264	19.1	256	18.5	250	18.1
1977	1483	394	26.6	318	21.4	304	20.5	295	19.9	288	19.4	280	18.9
1978	1570	426	27.1	346	22.0	323	20.6	314	20.0	308	19.6	303	19.3
1979	1454	606	41.7	302	20.8	268	18.4	255	17.5	250	17.2	246	16.9
1980	1403	360	25.7	286	20.4	273	19.5	258	18.4	251	17.9	247	17.6
1981	1481	383	25.9	303	20.5	288	19.4	284	19.2	279	18.8	277	18.7
1982	1536	421	27.4	339	22.1	309	20.1	299	19.5	289	18.8	283	18.4
1983	1601	387	24.2	316	19.7	308	19.2	298	18.6	293	18.3	291	18.2

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-20 YEAR 1983

LOCATION U.S. 89, 17.0 miles north of Gardiner

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 27.3 % Foreign Pass Cars 20.5 % Pickups 38.1 % Commercial 14.1 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	695	487	409	457	526	643	754	575	503	114.31	57.80
February	762	525	393	411	475	606	739	559	482	115.98	56.19
March	566	469	437	466	497	546	579	505	481	104.99	50.77
April	629	517	489	540	553	693	801	613	565	108.50	61.62
May	980	850	769	710	740	928	1016	857	800	107.13	86.15
June	1675	1525	1548	1439	1523	1589	1512	1540	1521	101.25	154.81
July	2151	2080	2114	2065	2083	2166	2147	2119	2105	100.67	213.02
August	1993	1871	1840	1833	1912	2035	1998	1919	1892	101.43	192.91
September	1507	1258	1253	1158	1251	1385	1552	1336	1266	105.53	134.31
October	891	809	757	758	844	914	946	849	816	104.04	85.35
November	629	596	572	601	606	715	769	637	615	103.58	64.04
December	327	425	405	377	461	534	434	428	446	95.96	43.03
Daily average for year	1067	951	916	901	956	1063	1104	995	958	103.86	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-20
Functional Class ~~Minor Arterial~~

Route U.S. 89, North of Gardiner
Traffic Type Primary - Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	Under construction												
1971	655	167	25.5	144	22.0	134	20.5	131	20.0	130	19.8	128	19.5
1972	694	211	30.4	157	22.6	151	21.8	148	21.3	143	20.6	140	20.2
1973	715	268	37.5	145	20.3	136	19.0	134	18.7	132	18.5	130	18.2
1974	660	202	30.6	143	21.7	133	20.2	127	19.2	124	18.8	121	18.3
1975	731	196	26.8	157	21.5	152	20.8	150	20.5	147	20.1	145	19.8
1976	816	194	23.8	170	20.8	163	20.0	163	20.0	160	19.6	158	19.4
1977	911	316	34.7	192	21.1	183	20.1	179	19.6	176	19.3	173	19.0
1978	1002	208	20.8	192	19.2	186	18.6	184	18.4	182	18.2	181	18.1
1979	865	194	22.4	159	18.4	156	18.0	151	17.5	147	17.0	144	16.6
1980	812	194	23.9	159	19.6	153	18.8	151	18.6	148	18.2	145	17.9
1981	932	198	21.2	178	19.1	173	18.6	169	18.1	167	17.9	166	17.8
1982	933	207	22.2	180	19.3	173	18.5	169	18.1	165	17.7	163	17.5
1983	995	231	23.2	191	19.2	187	18.8	185	18.6	183	18.4	180	18.1

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-21 YEAR 1983

LOCATION Montana Avenue in Helena, between Missoula & Billings Aves.

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	11793	18270	18618	18817	19646	21365	15931	17540	19292	90.92	90.14
February	13037	18444	18637	19062	19942	21448	18107	18382	19507	94.23	94.46
March	13673	19181	19536	20007	20623	21614	19466	19244	20174	95.39	98.89
April	13484	19648	20039	20350	21029	23677	19934	19875	21078	94.29	102.14
May	14610	18208	19983	20304	21088	23868	19936	19509	20545	94.96	100.26
June	13400	21325	21284	21664	22733	23701	18969	20557	22147	92.82	105.64
July	14272	19192	21620	21884	22267	23861	18450	20089	21865	91.88	103.24
August	14376	21585	21365	21852	21715	23465	18208	20486	21945	93.35	105.28
September	13768	19001	21407	21539	22216	23739	18956	20282	21707	93.44	104.23
October	14135	20318	19889	20707	21692	23580	19944	19853	21193	93.68	102.02
November	12989	19696	20260	21336	18018	21665	18274	19018	20250	93.92	97.73
December	11592	18312	19569	19631	20704	21660	18142	18676	20085	92.92	95.97
Daily average for year	13427	19432	20161	20513	20956	22804	18693	19459	20816	93.48	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-21
Functional Class Principal Arterial

Route U.S. 12, Montana Ave. - Helena
Traffic Type Urban

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	7971	881	11.1	846	10.6	832	10.4	826	10.4	819	10.3	803	10.1
1971	13549	1656	12.2	1538	11.4	1507	11.1	1455	10.7	1419	10.5	1387	10.2
1972	16583	1881	11.3	1808	10.9	1754	10.6	1738	10.5	1728	10.4	1713	10.3
1973	17915	1076	11.6	1895	10.6	1875	10.5	1853	10.3	1834	10.2	1822	10.2
1974	17551	2170	12.4	1870	10.7	1841	10.5	1810	10.3	1782	10.2	1771	10.1
1975	17928	2002	11.2	1863	10.4	1841	10.3	1825	10.2	1805	10.1	1782	9.9
1976	19766	3467	17.5	1789	14.1	2634	13.3	2531	12.8	2487	12.6	2400	12.1
1977	19697	2269	11.5	2184	11.1	2132	10.8	2100	10.7	2069	10.5	2047	10.4
1978	19143	2570	13.4	2211	11.6	2087	10.9	2062	10.8	2014	10.5	2001	10.4
1979	18158	4616	25.4	2032	11.2	1993	11.0	1980	10.9	1959	10.8	1938	10.7
1980	17796	2329	13.1	2057	11.6	1979	11.1	1929	10.8	1902	10.7	1876	10.5
1981	18124	2208	12.2	1979	10.9	1916	10.6	1891	10.4	1876	10.3	1876	10.3
1982	18725	2192	11.7	2029	10.8	1985	10.6	1971	10.5	1952	10.4	1940	10.3
1983	19459	2178	11.2	2042	10.5	2002	10.3	1977	10.2	1957	10.1	1946	10.0

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-23

LOCATION FAS 241, 2.5 miles north of Harlem

YEAR 1983

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 21.4 % Foreign Pass Cars 4.5 % Pickups 48.0 % Commercial 26.1 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	223	294	277	290	269	337	238	273	293	93.17	76.35
February	263	305	331	310	300	361	283	308	321	95.95	86.13
March	241	348	320	331	373	373	315	330	348	94.83	92.29
April	270	410	389	385	381	397	342	368	392	93.88	102.91
May	337	356	366	366	332	414	359	361	366	98.63	100.96
June	293	436	456	451	452	489	423	430	456	94.30	120.25
July	317	483	571	487	436	469	496	462	488	94.67	129.20
August	375	505	429	432	432	456	415	437	452	96.68	122.21
September	309	404	431	434	395	414	397	398	414	96.14	111.30
October	277	374	384	383	376	401	336	358	383	93.47	100.12
November	264	326	350	341	335	384	330	334	347	96.25	93.40
December	143	262	294	255	236	249	192	232	258	89.92	64.88
Daily average for year	276	375	383	372	360	395	344	358	377	94.96	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-23
Functional Class Major Collector

Route FAS 241, North of Harlem
Traffic Type Secondary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	205	40	19.5	33	16.1	31	15.1	30	14.6	28	13.7	28	13.7
1971	313	55	17.6	49	15.7	45	14.4	43	13.7	42	13.4	41	13.1
1972	288	54	18.8	43	14.9	40	13.9	39	13.5	37	12.8	37	12.8
1973	315	69	21.9	48	15.2	44	14.0	41	13.0	39	12.4	38	12.1
1974	320	51	15.9	46	14.4	44	13.8	42	13.1	41	12.8	41	12.8
1975	332	58	17.5	49	14.8	48	14.5	46	13.9	45	13.6	44	13.3
1976	370	66	17.8	52	14.1	50	13.5	48	13.0	46	12.4	46	12.4
1977	365	88	24.1	54	14.8	50	13.7	47	12.9	47	12.9	46	12.6
1978	333	61	18.3	49	14.7	47	14.1	46	13.8	45	13.5	44	13.2
1979	351	60	17.1	53	15.1	50	14.2	48	13.7	46	13.1	46	13.1
1980	332	58	17.5	48	14.5	45	13.6	43	13.0	43	12.9	42	12.7
1981	340	64	18.8	48	14.1	45	13.2	45	13.2	43	12.6	42	12.4
1982	320	57	17.8	46	14.4	44	13.8	43	13.4	42	13.1	41	12.8
1983	358	125	34.9	90	25.1	76	21.2	57	15.9	53	14.8	51	14.3

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-24 YEAR 1983

LOCATION U.S. 2, 1.3 miles west of Kalispell

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 44.2 % Foreign Pass Cars 15.2 % Pickups 30.0 % Commercial 10.6 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	2429	3577	3655	3886	3748	3995	3062	3435	3763	91.28	76.30
February	2856	3802	3863	3860	3916	4141	3473	3702	3916	94.54	82.23
March	2825	3651	3665	3658	3728	3824	3583	3574	3702	96.54	79.39
April	3136	3982	3940	3982	4049	4339	3834	3907	4071	95.97	86.79
May	3817	4342	4550	4539	4549	5035	4458	4447	4589	96.91	98.78
June	4156	5339	5223	5169	5257	5411	4841	5067	5273	96.09	112.55
July	4666	5494	5774	5644	5707	6092	5299	5508	5759	95.64	122.35
August	5178	5934	5899	5879	6053	6457	5660	5869	6026	97.39	130.37
September	4365	5130	5269	5224	5336	5740	5297	5217	5358	97.37	115.89
October	4243	4962	4994	5012	5047	5436	4973	4930	5084	96.97	109.51
November	3853	4596	4760	4875	4395	4939	4656	4598	4722	97.37	102.14
December	2673	3870	4004	4115	3986	4165	3481	3768	4032	93.45	83.70
Daily average for year	3683	4557	4633	4654	4648	4965	4385	4502	4691	95.97	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-24
Functional Class Principal Arterial

Route U.S. 2, West of Kalispell
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	1454	219	15.1	190	13.1	184	12.7	180	12.4	176	12.1	174	11.9
1971	2442	442	18.1	366	15.0	352	14.4	339	13.9	332	13.6	326	13.3
1972	2434	325	13.4	295	12.1	280	11.5	274	11.3	268	11.0	264	10.6
1973	Counter removed for repairs												
1974	2191	366	16.7	343	15.7	330	15.1	326	14.9	319	14.6	314	14.3
1975	2753	461	16.7	363	13.2	346	12.6	339	12.3	332	12.1	329	12.0
1976	3029	461	15.2	359	11.9	347	11.5	339	11.2	332	11.0	328	10.8
1977	3312	435	13.1	398	12.0	383	11.6	372	11.2	364	11.0	357	10.8
1978	3619	628	17.4	458	12.7	427	11.8	413	11.4	405	11.2	399	11.0
1979	3723	553	14.9	442	11.9	426	11.4	419	11.3	415	11.1	410	11.0
1980	3655	505	13.9	450	12.3	433	11.8	427	11.7	422	11.5	414	11.3
1981	3843	494	12.9	462	12.0	451	11.7	446	11.6	442	11.5	432	11.2
1982	3972	575	14.5	488	12.3	475	12.0	466	11.7	456	11.5	450	11.3
1983	4502	569	12.6	537	11.9	523	11.6	516	11.5	509	11.3	503	11.2

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-25 YEAR 1983

LOCATION I-94, 6.8 miles east of Wibaux

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 21.2 % Foreign Pass Cars 27.2 % Pickups 25.5 % Commercial 26.1 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1512	1342	1431	1466	1412	1528	1626	1476	1431	103.14	69.42
February	1544	1423	1379	1386	1412	1698	1537	1483	1460	101.58	69.75
March	1615	1438	1587	1700	1762	1861	1888	1692	1671	101.26	79.58
April	1877	1765	1700	1756	1781	2025	1944	1845	1816	101.60	86.78
May	2117	1928	1904	1925	1857	2284	2119	2016	1974	102.13	94.82
June	3158	2851	2724	2776	2905	3083	2944	2915	2865	101.75	137.11
July	3532	3189	3131	3100	3190	3624	3869	3405	3265	104.29	160.16
August	3176	2864	2869	2792	2936	3227	3192	2992	2925	102.29	140.73
September	2492	2364	2195	2250	2408	2582	2573	2415	2372	101.81	113.59
October	2157	1885	1924	2040	2097	2302	2278	2098	2042	102.74	98.68
November	1940	1613	1742	1914	1817	1936	1983	1848	1806	102.33	86.92
December	1045	1221	1311	1378	1439	1516	1314	1328	1382	96.09	62.46
Daily average for year	2180	1990	1991	2040	2085	2306	2272	2126	2084	102.02	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-25
Functional Class Principal Arterial

Route I-94, East of Wibaux
Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	1031	233	22.6	173	16.8	148	14.4	141	13.7	131	12.7	127	12.3
1971	1622	257	15.8	234	14.4	223	13.7	218	13.4	212	13.1	210	12.9
1972	Counter out due to construction												
1973	"	" "	" "										
1974	"	" "	" "										
1975	Counter out due to construction												
1976	2264	319	14.1	285	12.6	276	12.2	265	11.7	262	11.6	259	11.4
1977	2008	364	18.1	286	14.2	275	13.7	269	13.4	266	13.2	260	12.9
1978	2192	428	19.5	312	14.2	299	13.6	288	13.1	283	12.9	278	12.7
1979	2052	317	15.4	239	11.6	232	11.3	227	11.1	222	10.8	219	10.7
1980	2093	304	14.5	254	12.1	244	11.7	236	11.3	232	11.1	226	10.8
1981	2521	414	16.4	326	12.9	296	11.7	282	11.2	276	10.9	271	10.7
1982	2236	349	15.6	275	12.3	265	11.9	259	11.6	255	11.4	253	11.3
1983	2126	600	28.2	305	14.4	283	13.3	267	12.6	258	12.1	254	12.0

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-27
LOCATION U.S. 191, 1.5 miles south of Fred Robinson Bridge

YEAR 1983

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 42.1 % Foreign Pass Cars 8.2 % Pickups 31.0 % Commercial 18.7 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	297	234	225	247	275	337	214	260	262	99.24	61.69
February	372	330	286	279	317	428	298	330	328	100.61	78.29
March	402	327	327	337	396	408	294	356	358	99.44	84.46
April	446	413	362	330	375	532	374	408	408	100.00	96.80
May	497	503	367	386	398	582	456	456	446	102.24	108.19
June	653	528	451	467	519	647	464	530	520	101.92	125.74
July	527	545	509	466	495	680	463	529	546	96.89	125.50
August	548	527	461	456	515	627	458	515	513	100.39	122.18
September	493	506	456	428	441	612	469	489	492	99.39	116.01
October	570	498	419	442	485	646	452	502	498	100.80	119.10
November	565	401	388	462	410	523	358	442	436	101.38	104.86
December	191	249	239	226	252	306	210	241	257	93.77	57.18
Daily average for year	471	422	374	377	407	527	376	422	422	100.00	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-27
Functional Class Minor Arterial

Route U.S. 191, Moebridge
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	202	126	62.4	71	35.1	50	24.8	44	21.8	40	19.8	38	18.8
1971	314	98	31.2	64	20.4	56	17.8	53	16.9	51	16.2	49	15.6
1972	320	105	32.8	70	21.9	61	19.1	56	17.5	54	16.9	53	16.6
1973	340	91	28.8	67	19.7	60	17.6	56	16.5	54	15.9	52	15.3
1974	330	82	24.8	63	19.1	57	17.3	54	16.4	52	15.8	49	14.8
1975	325	90	27.7	62	19.1	56	17.2	53	16.3	51	15.7	50	15.4
1976	348	90	25.9	67	19.3	61	17.5	57	16.4	55	15.8	53	15.2
1977	349	88	25.2	66	18.9	60	17.2	57	16.3	54	15.5	52	14.9
1978	348	88	25.3	68	19.5	59	17.0	57	16.4	55	15.8	53	15.2
1979	380	91	23.9	72	18.9	66	17.4	62	16.3	60	15.8	58	15.3
1980	397	91	22.9	78	19.6	70	17.6	66	16.6	63	15.9	61	15.4
1981	413	94	22.8	75	18.2	69	16.7	66	16.0	62	15.0	60	14.5
1982	383	103	26.9	76	19.8	69	18.0	65	17.0	63	16.4	61	15.9
1983	422	113	26.8	92	21.8	77	18.3	71	16.8	68	16.1	66	15.6

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-28 YEAR 1983

LOCATION Interstate Frontage Road, 7.0 miles west of Great Falls

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 48.3 % Foreign Pass Cars 1.8 % Pickups 43.3 % Commercial 6.6 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1803	2058	2096	2309	2182	2359	2092	2114	2194	96.35	89.63
February	2013	2185	2082	2211	2139	2426	2253	2187	2208	99.05	92.73
March	2102	2211	2250	2438	2322	2274	2213	2266	2304	98.35	96.08
April	2253	2414	2452	2655	2481	2769	2562	2522	2564	98.36	106.93
May	2491	2353	2320	2611	2548	2841	2707	2537	2517	100.79	107.57
June	2373	2686	2652	2787	2653	2985	2545	2672	2750	97.16	113.29
July	2187	2607	2700	2827	2710	3045	2600	2662	2791	95.38	112.87
August	2256	2674	2700	2793	2765	2997	2622	2690	2777	96.87	114.06
September	1999	2273	2465	2506	2519	2766	2407	2434	2518	96.66	103.20
October	2082	2375	2379	2514	2398	2619	2462	2395	2453	97.64	101.55
November	1712	1982	2167	2374	2139	2258	2240	2134	2192	97.35	90.48
December	1415	1642	1700	1772	1769	1816	1661	1689	1745	96.79	71.61
Daily average for year	2057	2288	2330	2483	2385	2596	2364	2359	2418	97.56	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-28
Functional Class Major Collector

Route Vaughn - Interstate Frontage
Traffic Type Frontage Road

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	255	112	43.9	71	27.8	63	24.7	59	23.1	56	22.0	52	20.4
1971	553	103	18.6	89	16.1	84	15.2	80	14.5	75	13.6	74	13.4
1972	483	78	16.1	66	13.7	62	12.8	61	12.6	61	12.6	60	12.4
1973	634	91	14.4	84	13.2	80	12.6	79	12.5	77	12.1	76	12.0
1974	774	167	21.6	100	12.9	93	12.0	91	11.8	90	11.6	88	11.4
1975	850	201	23.6	129	15.2	117	13.8	112	13.2	108	12.7	105	12.4
1976	1097	229	20.9	142	12.9	139	12.7	132	12.0	130	11.9	128	11.7
1977	1628	265	16.3	246	15.1	239	14.7	235	14.4	226	13.9	223	13.7
1978	1965	326	16.6	268	13.6	257	13.1	250	12.7	246	12.5	243	12.4
1979	2296	456	19.9	285	12.4	276	12.0	269	11.7	266	11.6	264	11.5
1980	2178	386	17.7	278	12.8	262	12.0	258	11.8	255	11.7	252	11.6
1981	2270	354	15.6	273	12.0	266	11.7	261	11.5	258	11.4	256	11.3
1982	2205	300	13.6	266	12.1	257	11.7	252	11.4	250	11.3	248	11.2
1983	2359	301	12.8	273	11.6	267	11.3	262	11.1	260	11.0	255	10.8

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-29 YEAR 1983

LOCATION Interstate Frontage Road, 6.0 miles west of Billings

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 55.0 % Foreign Pass Cars 3.4 % Pickups 29.2% Commercial 12.4 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1810	2317	2314	2313	2345	2579	1944	2212	2371	93.29	76.11
February	2172	2598	2479	2448	2477	2823	2323	2474	2565	96.45	85.12
March	2110	2609	2642	2685	2753	2737	2380	2572	2686	95.76	88.49
April	2370	2724	2752	2862	2927	3257	2797	2827	2921	96.78	97.26
May	3441	4097	4305	4279	4066	4726	4004	4114	4286	95.99	141.55
June	2987	3530	3383	3648	3587	3947	3209	3480	3619	96.16	119.73
July	2714	3086	3088	3138	3146	3430	2838	3056	3190	95.80	105.14
August	2904	3375	3304	3469	3337	3605	3067	3303	3413	96.78	113.64
September	2473	3258	3399	3275	3414	3830	3111	3276	3452	94.90	112.71
October	2288	2942	2944	3021	3023	3268	2621	2848	3035	93.84	97.99
November	1947	2613	2570	2776	2587	2892	2239	2528	2686	94.12	86.98
December	1615	2129	2308	2270	2364	2484	2062	2188	2321	94.27	75.28
Daily average for year	2403	2940	2957	3015	3002	3298	2716	2907	3045	95.47	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-29
Functional Class Major Collector

Route Billings - Interstate Frontage
Traffic Type Frontage Road

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	Under construction												
1971	1702	228	13.4	182	10.7	175	10.3	172	10.1	168	9.9	166	9.8
1972	1831	229	12.5	194	10.6	187	10.2	184	10.0	182	9.9	180	9.8
1973	1872	250	13.4	191	10.2	186	9.9	181	9.7	179	9.6	177	9.5
1974	1744	209	12.0	178	10.2	174	10.0	172	9.9	170	9.7	167	9.6
1975	1565	218	13.9	178	11.4	172	11.0	169	10.8	167	10.7	165	10.5
1976	1611	340	21.1	193	12.0	182	11.3	176	10.9	172	10.7	168	10.4
1977	1979	258	13.0	240	12.1	233	11.8	228	11.5	224	11.3	222	11.2
1978	2101	286	13.6	260	12.4	249	11.9	243	11.6	239	11.4	235	11.2
1979	Machine failure July & August												
1980	2262	401	17.7	274	12.1	265	11.7	256	11.3	252	11.1	244	10.8
1981	2305	287	12.5	271	11.8	260	11.3	257	11.1	255	11.0	252	10.9
1982	2398	303	12.6	279	11.6	274	11.4	270	11.3	266	11.1	264	11.0
1983	2907	564	19.4	438	15.1	418	14.4	403	13.9	394	13.6	379	13.0

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-30

LOCATION I-90, 0.9 miles west of Superior Interchange

YEAR 1983

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 21.4 % Foreign Pass Cars 28.3 % Pickups 23.8 % Commercial 26.5 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Manth Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1771	1713	1773	1810	1898	2004	1671	1797	1833	98.04	50.93
February	1901	1876	1878	1848	2018	2198	1809	1932	1964	98.37	54.76
March	2598	2466	2546	2668	2866	3015	2593	2680	2710	98.89	75.96
April	2838	3000	2969	2961	3123	3572	2873	3059	3146	97.23	86.70
May	3143	3427	3323	3286	3448	4096	3336	3423	3503	97.72	97.02
June	4820	4886	4778	4762	5108	5373	4949	4952	4977	99.50	140.35
July	5460	5407	5526	5524	5729	6557	5803	5737	5787	99.14	162.60
August	5608	5573	5259	5388	5846	6365	5701	5651	5650	100.02	160.17
September	4131	4528	4374	4309	4534	5179	4495	4530	4609	98.29	128.39
October	3381	3392	3376	3515	3591	4015	3388	3509	3569	98.32	99.45
November	3042	2756	2915	3181	2836	3089	2743	2945	2964	99.36	83.47
December	1578	2056	2188	2281	2292	2437	1954	2124	2261	93.94	60.20
Daily average for year	3756	3423	3409	3461	3607	3992	3443	3528	3581	98.52	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-30
Functional Class Principal Arterial

Route I-90, West of Superior
Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961	Under construction												
1971	2346	375	16.0	334	14.2	324	13.8	320	13.6	313	13.3	311	13.3
1972	2754	470	17.1	394	14.3	374	13.6	366	13.3	359	13.0	355	12.9
1973	2962	486	16.4	407	13.7	389	13.1	379	12.8	373	12.6	366	12.4
1974	3126	514	16.4	469	15.0	460	14.7	449	14.4	439	14.4	434	13.9
1975	3069	486	15.8	411	13.4	398	13.0	392	12.8	386	12.6	380	12.4
1976	3471	523	15.1	464	13.4	449	12.9	440	12.7	434	12.5	429	12.4
1977	3467	529	15.3	461	13.3	443	12.8	439	12.7	435	12.5	432	12.5
1978	3704	630	17.0	515	13.9	487	13.1	481	13.0	476	12.9	465	12.6
1979	3444	431	12.5	394	11.4	380	11.0	370	10.7	364	10.6	358	10.4
1980	3247	475	14.6	438	13.5	419	12.9	404	12.4	399	12.3	393	12.1
1981	3411	512	15.0	465	13.6	457	13.4	448	13.1	441	12.9	435	12.8
1982	3159	525	16.6	478	15.1	457	14.5	445	14.1	437	13.8	431	13.6
1983	3528	590	16.7	511	14.5	488	13.8	479	13.6	474	13.4	469	13.3

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-31 YEAR 1983

LOCATION I-94, 7.8 miles west of Miles City

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 39.4 % Foreign Pass Cars 14.4 % Pickups 22.6 % Commercial 23.6 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	2126	1983	2038	2100	2073	2397	2208	2130	2112	100.85	70.71
February	2347	2163	2126	2109	2249	2806	2543	2335	2290	101.97	77.52
March	2647	2205	2405	2526	2694	2902	2725	2582	2546	101.41	85.71
April	2674	2679	2573	2640	2672	3209	2765	2761	2776	99.46	91.66
May	3147	2990	2885	2833	2712	3591	3331	3064	2996	102.27	101.72
June	4077	3734	3662	3745	3844	4245	3937	3886	3841	101.17	129.01
July	3932	4066	4073	3873	3876	4507	4073	4068	4099	99.24	135.05
August	3991	3812	3769	3773	3861	4394	4007	3928	3904	100.61	130.40
September	3207	3287	3153	3194	3298	3865	3496	3372	3379	99.79	111.94
October	3061	2859	2928	2988	3063	3538	3043	3061	3065	99.87	101.62
November	3044	2471	2541	2876	2633	3017	2812	2766	2708	102.14	91.82
December	1739	2107	2182	2288	2262	2561	2129	2194	2292	95.72	72.84
Daily average for year	2999	2863	2861	2912	2936	3419	3089	3012	3001	100.37	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-31
Functional Class Principal Arterial

Route I-94, West of Miles City
Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	2065	302	14.6	271	13.1	260	12.6	251	12.2	247	12.0	246	11.9
1972	2324	317	13.6	291	12.5	283	12.2	277	11.9	274	11.8	270	11.6
1973	Counter removed due to construction												
1974	"	"	" "	"									
1975	Counter removed due to construction												
1976	2637	375	14.2	334	12.7	323	12.2	317	12.0	313	11.9	309	11.7
1977	2640	392	14.8	345	13.1	331	12.5	321	12.2	315	11.9	308	11.7
1978	2693	474	17.6	366	13.6	340	12.6	332	12.3	327	12.1	321	11.9
1979	2848	399	14.0	357	12.5	344	12.1	334	11.7	327	11.5	321	11.3
1980	2745	377	13.7	327	11.9	315	11.5	304	11.1	291	10.6	286	10.4
1981	2993	379	12.7	350	11.7	339	11.3	331	11.1	327	10.9	322	10.8
1982	2952	440	14.9	373	12.6	359	12.2	345	11.7	339	11.5	334	11.3
1983	3012	443	14.7	404	13.4	366	12.2	348	11.6	341	11.3	338	11.2

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-32 YEAR 1983

LOCATION On 25th St. North between 4th & 5th Aves. in Great Falls

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	2384	3630	3551	3697	3759	3807	3096	3381	3686	91.73	91.24
February	2648	3774	3739	3690	3775	3926	3395	3564	3781	94.26	96.18
March	2692	3916	3899	3885	3937	3792	3384	3669	3889	94.34	99.01
April	2814	3946	4027	4131	4113	4367	3809	3900	4129	94.45	105.24
May	3033	3852	4052	4142	4172	4500	3839	3913	4126	94.84	105.59
June	2982	4229	4273	4377	4486	4479	3683	4097	4375	93.65	110.56
July	2833	3848	4275	4384	4520	4510	3739	3984	4317	92.29	107.51
August	2958	4321	4315	4384	4321	4363	3646	4072	4340	93.82	109.88
September	2449	3516	4005	4033	4174	4264	3406	3727	4018	92.76	100.57
October	2723	3969	3899	3952	3950	4161	3561	3713	3985	93.17	100.20
November	1903	3050	3472	3705	3382	3430	2965	3160	3424	92.29	85.27
December	2198	3428	3381	3567	3546	3620	3164	3289	3515	93.57	88.75
Daily average for year	2635	3790	3907	3996	4011	4102	3474	3706	3965	93.47	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-32
Functional Class Minor Arterial

Route 25th Street North in Great Falls
Traffic Type City Arterial

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	3318	512	15.4	472	14.2	439	13.2	413	12.4	386	11.6	367	11.1
1972	3219	572	17.8	372	11.6	351	10.9	345	10.7	342	10.6	338	10.5
1973	3273	480	14.7	366	11.2	351	10.7	345	10.5	340	10.4	336	10.3
1974	3212	355	11.1	341	10.6	333	10.4	327	10.2	319	9.9	317	9.9
1975	3360	388	11.5	375	11.2	362	10.8	353	10.5	351	10.4	347	10.3
1976	3605	430	11.9	397	11.0	389	10.8	383	10.6	376	10.4	369	10.2
1977	3728	451	12.1	410	11.0	399	10.7	393	10.5	389	10.4	385	10.3
1978	3669	444	12.1	417	11.4	408	11.1	402	11.0	397	10.8	392	10.7
1979	3708	771	20.8	418	11.3	409	11.0	400	10.8	393	10.6	388	10.5
1980	3462	414	12.0	380	11.0	374	10.8	366	10.6	362	10.5	358	10.3
1981	3510	410	11.7	386	11.0	373	10.6	367	10.5	363	10.3	361	10.3
1982	3579	1002*	28.0	415	11.6	398	11.1	386	10.8	381	10.6	377	10.5
1983	3706	439	11.9	423	11.4	408	11.0	404	10.9	400	10.8	394	10.6
* Demolition Day - The day the stack came down - 9-18-82 - 11A-12P													

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-33 YEAR 1983

LOCATION On 10th Ave. South between 9th & 10th Sts. in Great Falls

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	20374	27895	27289	27683	28451	31291	26351	26837	28492	94.19	90.60
February	22779	29145	28057	28436	29361	32557	29402	28534	29511	96.69	96.33
March	23959	30413	29923	30172	31632	32983	30808	30041	30966	97.01	101.42
April	23764	29793	29446	30294	30667	34655	31178	30168	31147	96.86	101.85
May	24809	28063	28654	29492	29805	34436	31509	29310	29933	97.92	98.95
June	24773	32132	31933	31968	32229	34623	30755	31256	32533	96.07	105.52
July	24849	30392	32503	31736	33186	36273	31044	31358	32983	95.07	105.86
August	24919	32743	31814	32070	32707	34641	30886	31476	32719	96.20	106.26
September	22646	28725	31341	30884	32175	34765	28386	30221	31750	95.18	102.03
October	24027	31074	30543	30987	31677	35181	31375	30514	31853	95.80	103.02
November	21758	28311	28780	30765	27801	31859	28826	28398	29528	96.17	95.87
December	19371	27570	28769	29163	28235	30565	26789	27337	28910	94.56	92.29
Daily average for year	23166	29688	29921	30304	30660	33652	29859	29621	30860	95.99	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-33
Functional Class Principal Arterial

Route 10th Avenue South in Great Falls
Traffic Type Primary - Urban

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	24183	2563	10.6	2383	9.9	2324	9.6	2292	9.5	2253	9.3	2237	9.3
1972	24984	2552	10.2	2478	9.9	2449	9.8	2418	9.7	2396	9.6	2371	9.5
1973	24952	2745	11.0	2443	9.8	2395	9.6	2379	9.5	2351	9.4	2323	9.3
1974	24681	2589	10.5	2439	9.9	2388	9.7	2334	9.5	2310	9.4	2281	9.2
1975	24609	2471	10.0	2336	9.5	2308	9.4	2280	9.3	2264	9.2	2253	9.2
1976	27306	3000	11.0	2677	9.8	2620	9.6	2584	9.5	2567	9.4	2543	9.3
1977	28924	2780	9.6	2712	9.4	2685	9.3	2655	9.2	2626	9.1	2602	9.0
1978	28532	2973	10.4	2722	9.5	2669	9.4	2627	9.2	2606	9.1	2601	9.1
1979	28606	2756	9.6	2654	9.3	2608	9.1	2574	9.0	2556	8.9	2540	8.8
1980	28007	3080	11.0	2651	9.5	2614	9.3	2572	9.2	2564	9.2	2552	9.1
1981	28434	2731	9.6	2657	9.3	2628	9.2	2600	9.1	2586	9.1	2536	9.0
1982	28781	2786	9.7	2718	9.4	2677	9.3	2658	9.2	2637	9.1	2625	9.1
1983	29621	2820	9.5	2724	9.2	2704	9.1	2684	9.1	2667	9.0	2643	8.9

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-34 YEAR 1983

LOCATION U.S. 12, 0.6 miles west of Ingomar

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montono Pass Cars 27.0 % Foreign Pass Cars 11.0 % Pickups 34.0 % Commercial 28.0 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	248	199	187	189	182	252	155	202	202	100.00	79.22
February	234	196	185	185	181	261	165	201	202	99.50	78.82
March	252	217	200	201	234	279	204	225	224	100.45	88.23
April	249	222	198	192	212	282	196	222	224	99.11	87.06
May	297	283	230	223	229	343	268	268	261	102.68	105.10
June	335	322	299	313	320	359	256	315	322	97.83	123.53
July	310	338	319	272	258	345	269	302	308	98.05	118.43
August	280	234	246	227	222	293	226	246	243	101.23	96.47
September	293	307	277	247	244	358	242	282	288	97.92	110.59
October	402	334	293	281	305	391	342	338	321	105.30	132.55
November	371	250	250	325	258	323	274	292	282	103.55	114.51
December	134	187	184	173	164	196	134	167	181	92.27	65.49
Daily average for year	284	257	239	236	234	307	228	255	255	100.00	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-34
Functional Class Minor Arterial

Route U.S. 12, West of Ingomar
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	263	57	21.7	47	17.9	45	17.1	42	16.0	40	15.2	39	14.8
1972	267	76	28.5	55	20.6	52	19.5	48	18.0	46	17.2	44	16.5
1973	254	59	23.2	46	18.1	41	16.1	38	15.0	37	14.6	37	14.6
1974	276	71	25.7	53	19.2	47	17.0	44	15.9	43	15.6	41	14.9
1975	272	89	32.7	49	18.0	45	16.5	43	15.8	42	15.4	41	15.1
1976	301	139	46.2	63	20.9	56	18.6	50	16.6	47	15.6	45	15.0
1977	310	68	21.9	54	17.4	51	16.5	49	15.8	47	15.2	45	14.5
1978	305	63	20.7	56	18.4	51	16.7	50	16.4	48	15.7	47	15.4
1979	301	79	26.2	54	17.9	51	16.9	49	16.3	47	15.6	45	15.0
1980	235	59	25.1	40	17.0	38	16.2	36	15.3	34	14.5	33	14.0
1981	255	59	23.1	47	18.4	45	17.6	43	16.9	41	16.1	39	15.3
1982	245	67	27.3	55	22.4	50	20.4	47	19.2	45	18.4	44	18.0
1983	255	76	29.8	52	20.4	46	18.0	43	16.9	42	16.5	41	16.1

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-35 YEAR 1983

LOCATION I-90 Frontage Road, 11.0 miles east of Missoula

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 49.0 % Foreign Pass Cars 1.0 % Pickups 37.2 % Commercial 12.8 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	430	529	553	531	536	622	500	525	553	94.94	80.17
February	471	564	571	577	559	602	573	559	574	97.39	85.37
March	562	629	646	642	666	701	676	646	656	98.48	98.65
April	604	703	671	739	723	754	676	697	720	96.81	106.44
May	630	662	772	784	722	843	668	722	753	95.88	110.26
June	602	711	726	757	753	829	682	725	755	96.03	110.71
July	550	669	717	716	732	792	648	687	728	94.37	104.91
August	595	725	732	747	727	785	703	718	742	96.77	109.65
September	580	696	736	786	769	799	683	725	760	95.39	110.71
October	571	740	713	717	749	803	685	707	744	95.03	107.97
November	487	667	685	685	641	726	602	645	581	94.71	98.50
December	360	503	526	508	531	573	491	502	530	94.72	76.66
Daily average for year	537	650	671	682	676	736	632	655	683	95.90	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-35
Functional Class Major Collector

Route FAS 210, Turah
Traffic Type Secondary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	328	52	15.9	44	13.4	42	12.8	41	12.5	40	12.2	39	11.9
1972	423	106	25.1	64	15.1	61	14.4	56	13.2	55	13.0	54	12.8
1973	Machine failure												
1974	571	105	18.4	78	13.7	71	12.4	68	11.9	66	11.6	65	11.4
1975	599	96	16.0	77	12.9	73	12.2	69	11.5	67	11.2	66	11.0
1976	556	79	14.2	67	12.1	64	11.5	63	11.3	62	11.2	60	10.8
1977	548	80	14.6	66	12.0	60	10.9	57	10.4	57	10.4	56	10.2
1978	538	77	14.3	65	12.1	62	11.5	61	11.3	60	11.2	58	10.8
1979	552	116	21.0	74	13.4	70	12.7	67	12.1	65	11.8	64	11.6
1980	606	83	13.7	76	12.5	72	11.9	70	11.6	68	11.2	67	11.1
1981	626	90	14.4	73	11.7	71	11.3	69	11.0	68	10.9	66	10.5
1982	626	136	21.7	100	16.0	87	13.9	80	12.8	76	12.1	74	11.8
1983	655	95	14.5	80	12.2	77	11.8	75	11.5	74	11.3	73	11.2

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-36 YEAR 1983

LOCATION U.S. 2, 0.5 miles west of Browning

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 54.5 % Foreign Pass Cars 10.0 % Pickups 24.0 % Commercial 11.5 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1004	874	823	889	956	1177	967	955	941	101.49	59.81
February	1210	1019	962	987	1054	1360	1093	1098	1076	102.04	68.76
March	1338	1133	1099	1072	1279	1288	1126	1187	1171	101.37	74.33
April	1544	1363	1256	1343	1353	1805	1402	1449	1442	100.49	90.74
May	1949	1760	1526	1546	1593	2150	1922	1775	1708	103.92	111.16
June	2188	1897	1864	1864	2012	2187	1928	1988	1962	101.33	124.50
July	2772	2661	2440	2454	2508	3013	2602	2651	2634	100.65	166.02
August	2833	2402	2167	2173	2321	2809	2509	2439	2358	103.44	152.74
September	1975	2047	1750	1688	1845	2247	2044	1949	1927	101.14	122.05
October	1607	1464	1383	1417	1506	1864	1712	1568	1524	102.89	98.19
November	1312	1066	1164	1246	1197	1417	1265	1236	1217	101.56	77.40
December	684	840	873	957	835	1057	802	867	916	94.65	54.30
Daily average for year	1701	1544	1442	1470	1538	1864	1614	1597	1573	101.53	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-36
Functional Class Principal Arterial

Route U.S. 2, West of Browning
Traffic Type Primary - Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	1152	386	33.5	279	24.2	236	20.5	220	19.1	211	18.3	203	17.6
1972	1278	288	22.5	252	19.7	243	19.0	233	18.2	226	17.7	222	17.4
1973	1475	692	47.0	390	26.4	331	22.4	320	21.7	301	20.4	293	20.0
1974	1208	307	25.4	278	23.0	253	20.9	234	19.4	224	18.5	212	17.5
1975	1164	321	17.6	242	20.8	223	19.2	211	18.1	204	17.5	198	17.0
1976	1374	297	21.6	270	19.7	253	18.4	239	17.4	231	16.8	223	16.2
1977	1490	312	20.9	276	18.5	256	17.2	246	16.5	238	16.0	234	15.7
1978	1403	312	22.2	276	19.7	246	17.5	239	17.0	234	16.7	228	16.3
1979	1502	670	44.6	319	21.2	271	18.0	246	16.4	236	15.7	231	15.4
1980	1432	455	31.8	264	18.4	246	17.2	233	16.3	224	15.6	217	15.2
1981	1504	287	19.1	256	17.0	244	16.2	241	16.0	231	15.4	226	15.0
1982	1480	362	24.5	275	18.6	262	17.7	247	16.7	242	16.4	238	16.1
1983	1597	294	18.4	264	16.5	252	15.8	243	15.2	239	15.0	236	14.8

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-37 YEAR 1983

LOCATION South of Orange St. Bridge in Missoula

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	8925	16760	16385	15925	16336	18556	11229	14625	16791	87.10	88.35
February	9713	16618	16650	16303	16992	18506	12868	15379	17014	90.39	92.91
March	9899	17045	17542	17295	17675	19165	13187	16121	17713	91.01	97.39
April	10016	18076	17756	17797	17874	19952	13969	16523	18370	89.95	99.82
May	11403	17198	18973	18727	19298	21265	14944	17252	19001	90.80	104.22
June	11701	19792	19145	19282	20049	21669	15147	18216	19958	91.27	110.04
July	11080	17409	19752	19691	19590	21645	14316	17451	19714	88.52	105.42
August	11527	20253	19837	19627	19975	21825	14258	18352	20252	90.62	110.87
September	10320	16642	18901	18795	18922	20798	13898	17094	18907	90.41	103.27
October	10350	18118	17963	17945	18284	20642	14487	16584	18568	89.31	100.19
November	9845	17970	17860	18174	15487	18272	13533	16020	17597	91.04	96.78
December	8507	15894	16444	16196	16691	18268	12537	15021	16770	89.57	90.74
Daily average for year	10274	17648	18101	17980	18098	20047	13698	16553	18388	90.02	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-37
Functional Class Principal Arterial

Route Orange Street Bridge, Missoula
Traffic Type Urban & City Street

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	13679	1747	12.8	1678	12.3	1605	11.7	1570	11.5	1541	11.3	1522	11.1
1972	14884	1893	12.7	1737	11.7	1706	11.4	1663	11.2	1634	11.0	1619	10.9
1973	15380	1831	11.9	1752	11.4	1694	11.0	1672	10.9	1653	10.7	1640	10.7
1974	15517	1874	12.1	1734	11.2	1672	10.8	1652	10.6	1631	10.5	1611	10.4
1975	16209	1969	12.1	1897	11.7	1853	11.4	1810	11.2	1785	11.0	1778	11.0
1976	17350	1087	12.0	1998	11.5	1940	11.2	1906	11.0	1886	10.9	1865	10.8
1977	17900	2115	11.8	2048	11.4	2027	11.3	1999	11.2	1976	11.0	1961	10.9
1978	18514	3281	17.7	2088	11.3	2031	11.0	2009	10.9	1977	10.7	1962	10.6
1979	18311	3115	17.0	2008	11.0	1968	10.7	1938	10.6	1917	10.5	1891	10.3
1980	16227	1795	11.1	1756	10.8	1701	10.5	1679	10.3	1666	10.3	1652	10.2
1981	15789	1814	11.5	1723	10.9	1700	10.8	1685	10.7	1663	10.5	1639	10.4
1982	15626	2145	13.7	1951	12.5	1860	11.9	1823	11.7	1797	11.5	1766	11.3
1983	16553	1918	11.6	1865	11.3	1829	11.1	1805	10.9	1785	10.8	1770	10.7

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-38 YEAR 1983

LOCATION Mont. 200, 1.0 mile west of Jordan

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 27.8 % Foreign Pass Cars 12.2 % Pickups 40.7 % Commercial 19.3 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	245	228	229	255	250	268	190	236	245	96.33	65.98
February	227	259	225	217	238	281	207	236	244	96.72	65.98
March	276	272	265	282	316	308	199	275	289	95.16	76.89
April	322	353	300	286	295	376	287	318	324	98.15	88.91
May	321	391	332	318	310	403	342	345	352	98.01	96.46
June	486	459	450	426	456	500	427	456	457	99.78	127.49
July	498	507	510	486	500	583	461	507	520	97.50	141.75
August	465	486	448	464	495	554	446	478	486	98.35	133.65
September	392	434	398	373	407	454	393	409	415	98.55	114.35
October	466	467	399	436	457	529	452	458	458	100.00	128.05
November	380	321	340	356	362	375	339	353	351	100.57	98.70
December	207	220	241	251	217	227	189	221	230	96.09	61.79
Daily average for year	357	366	345	346	359	405	328	358	364	98.35	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-38
Functional Class Principal Arterial

Route Montana 200, West of Jordan
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	331	73	22.1	59	17.8	56	16.9	54	16.3	53	16.0	52	15.7
1972	346	69	19.9	59	17.1	57	16.5	55	15.9	54	15.6	53	15.4
1973	371	82	22.1	68	18.3	60	16.2	57	15.4	55	14.8	53	14.3
1974	372	79	21.2	58	15.6	55	14.8	53	14.2	52	14.0	50	13.4
1975	363	79	21.8	60	16.5	57	15.7	55	15.2	53	14.6	52	14.3
1976	397	89	22.4	64	16.1	61	15.4	60	15.1	58	14.6	57	14.4
1977	412	104	25.2	67	16.3	63	15.3	61	14.8	59	14.3	58	14.1
1978	394	99	25.1	70	17.8	65	16.5	62	15.7	61	15.5	60	15.2
1979	364	68	18.7	62	17.0	58	15.9	54	14.8	52	14.3	51	14.0
1980	351	77	21.9	58	16.5	55	15.7	53	15.1	52	14.8	51	14.5
1981	376	80	21.3	63	16.8	59	15.7	57	15.2	55	14.6	53	14.1
1982	327	66	20.2	56	17.1	53	16.2	52	15.9	51	15.6	50	15.3
1983	358	70	19.6	60	16.8	56	15.6	54	15.1	52	14.5	51	14.3

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-39 YEAR 1983
LOCATION U.S. 89, 0.5 miles north of Dupuyer

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 45.2 % Foreign Pass Cars 4.0 % Pickups 24.2 % Commercial 26.6 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	271	278	269	284	285	348	324	294	292	100.68	54.74
February	352	306	305	309	318	357	370	331	319	103.76	61.63
March	334	368	385	347	389	305	348	356	361	98.61	66.28
April	389	379	346	394	357	445	407	391	387	101.03	72.80
May	515	442	388	401	413	513	498	452	430	105.12	84.16
June	878	726	751	705	735	761	771	758	734	103.27	141.13
July	1069	1116	1091	1066	1041	1105	1049	1076	1085	99.17	200.34
August	1114	975	967	965	985	1061	1050	1012	988	102.43	188.42
September	742	674	581	602	676	687	744	673	647	104.02	125.31
October	469	466	456	474	468	535	520	484	479	101.04	90.12
November	394	308	341	381	367	436	434	379	366	103.55	70.57
December	204	231	232	234	248	256	260	239	241	99.17	44.50
Daily average for year	561	522	509	514	524	567	565	537	527	101.90	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-39
Functional Class Minor Arterial

Route U.S. 89, North of Dupuyer
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	507	146	28.8	132	26.0	126	24.9	122	24.1	120	23.7	118	23.3
1972	511	163	31.9	134	26.2	129	25.2	126	24.7	123	24.1	121	23.7
1973	500	131	26.2	117	23.4	112	22.4	107	21.4	106	21.2	104	20.8
1974	467	179	38.3	129	27.6	109	23.3	105	22.5	101	21.6	98	21.0
1975	477	126	26.4	115	24.1	112	23.5	109	22.9	106	22.2	104	21.8
1976	529	147	27.8	130	24.6	123	23.3	120	22.7	118	22.3	116	21.9
1977	542	144	26.6	121	22.3	116	21.4	110	20.3	108	19.9	105	19.4
1978	520	164	31.5	123	23.7	117	22.5	115	22.1	112	21.5	111	21.3
1979	502	163	32.5	144	28.7	125	24.9	114	22.7	107	21.3	101	20.1
1980	501	124	24.8	118	23.6	111	22.2	106	21.2	104	20.8	102	20.4
1981	527	130	24.7	116	22.0	108	20.5	106	20.1	103	19.5	101	19.2
1982	517	220	42.6	132	25.5	112	21.7	106	20.5	105	20.3	103	19.9
1983	537	123	22.9	117	21.8	111	20.7	107	19.9	105	19.6	104	19.4

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-40 YEAR 1983

LOCATION Wolf Creek Frontage Road

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	105	46	56	56	60	72	102	72	57	126.32	34.50
February	227	112	73	70	87	102	166	120	89	134.83	57.51
March	237	94	95	103	119	90	185	129	101	127.72	61.82
April	331	134	132	140	152	178	298	198	149	132.89	94.89
May	431	240	150	163	188	252	402	262	198	132.32	125.56
June	509	226	277	266	273	327	420	324	273	118.68	155.27
July	586	426	327	334	323	378	511	420	358	117.32	201.28
August	603	275	303	331	329	355	513	379	317	119.56	181.63
September	392	269	199	195	213	257	348	265	227	116.74	127.00
October	272	135	132	162	159	186	252	189	154	122.73	90.57
November	155	70	71	88	91	121	153	105	88	119.32	50.32
December	43	40	45	34	39	37	51	41	39	105.13	19.65
Daily average for year	324	172	155	162	169	196	283	209	171	122.22	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-40
Functional Class Major Collector

Route Wolf Creek Frontage Road
Traffic Type Frontage Road

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	137	55	40.1	41	29.9	39	28.5	36	26.3	35	25.5	32	23.3
1972	108	53	49.1	40	37.0	35	32.4	30	27.8	27	25.0	24	23.7
1973	145	67	46.2	55	37.9	50	34.5	45	31.0	43	30.0	41	20.8
1974	154	71	46.1	57	37.0	48	31.2	46	29.9	44	28.6	41	21.0
1975	136	69	50.7	56	41.2	49	36.0	46	33.8	44	32.4	41	21.8
1976	137	85	62.0	54	39.4	49	35.8	46	33.6	43	31.4	42	21.9
1977	159	70	44.0	57	35.8	53	33.3	50	31.4	49	30.8	48	19.4
1978	156	79	50.6	66	42.3	58	37.2	54	34.6	52	33.3	49	21.3
1979	Machine failure in September												
1980	171	70	40.9	59	34.5	56	32.7	51	29.8	47	27.5	45	20.1
1981	188	85	45.2	63	33.5	57	30.3	55	29.3	51	27.1	50	19.2
1982	190	85	44.7	67	35.3	64	33.7	61	32.1	58	30.5	55	28.9
1983	209	89	42.6	71	34.0	65	31.1	63	30.1	59	28.2	57	27.3

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-41

LOCATION I-90, east of Livingston

YEAR 1983

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 26.4 % Foreign Pass Cars 24.1 % Pickups 26.7 % Commercial 22.8 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	3623	2753	2708	2830	2855	3533	3220	3086	2927	105.43	66.77
February	3865	3059	2748	2810	3092	4250	3633	3351	3192	104.98	72.51
March	4467	3284	3274	3495	4000	4424	4130	3841	3681	104.35	83.11
April	4273	3598	3463	3603	3797	4954	4152	4016	3934	102.08	86.89
May	4895	4379	4021	3989	4171	5417	4766	4511	4377	103.06	97.60
June	6829	5729	5681	5711	5915	6810	6470	6140	5955	103.11	132.85
July	6858	6506	5888	6041	6246	7240	6621	6527	6425	101.59	141.22
August	7083	6005	5880	5974	6407	7367	6749	6442	6278	102.61	139.39
September	5864	5380	5001	4927	5107	6287	5961	5517	5373	102.68	119.37
October	5391	4276	4177	4464	4636	5752	5088	4835	4643	104.14	104.61
November	5095	3388	3643	4183	3973	4600	4347	4158	3953	105.19	89.97
December	2508	2771	2940	3088	3155	3572	3053	3037	3129	97.06	65.71
Daily average for year	5063	4186	4119	4260	4446	5351	4849	4622	4489	102.96	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-41
Functional Class Principal Arterial

Route I-90, East of Livingston
Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971	3030	562	18.5	437	14.4	407	13.4	397	13.1	393	13.0	385	12.7
1972	3296	539	16.4	467	14.2	454	13.8	441	13.4	432	13.1	421	12.8
1973	3518	524	14.9	483	13.7	468	13.3	455	12.9	445	12.6	438	12.5
1974	3519	564	16.0	495	14.1	468	13.3	459	13.0	448	12.7	436	12.4
1975	3645	588	16.1	491	13.5	473	13.0	460	12.6	453	12.4	449	12.3
1976	3940	620	15.7	573	14.5	520	13.2	506	12.8	498	12.6	491	12.5
1977	4055	645	15.9	558	13.7	536	13.2	526	13.0	521	12.8	512	12.6
1978	4296	684	15.9	602	14.0	568	13.2	550	12.8	542	12.6	536	12.5
1979	4068	634	15.6	530	13.0	484	11.9	467	11.5	460	11.3	454	11.2
1980	4054	592	14.6	552	13.6	514	12.7	492	12.1	480	11.8	472	11.6
1981	4490	689	15.3	589	13.1	559	12.4	547	12.2	530	11.8	525	11.7
1982	4442	716	16.1	614	13.8	589	13.3	574	12.9	566	12.7	549	12.4
1983	4622	799	17.3	655	14.2	600	13.0	583	12.6	571	12.4	561	12.1

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-42 YEAR 1983

LOCATION On 26th Street North between 4th & 5th Aves. in Great Falls

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1873	2624	2589	2676	2722	2768	2185	2465	2673	92.22	80.57
February	2146	2917	2808	2857	2971	3091	2785	2796	2929	95.46	91.39
March	2185	3072	3069	3075	3031	2977	2729	2894	3047	94.98	94.59
April	2270	3173	3179	3216	3260	3400	3095	3096	3253	95.17	101.20
May	2479	3172	3216	3283	3342	3543	3050	3136	3300	95.03	102.50
June	2557	3537	3594	3677	3793	3726	3184	3458	3672	94.17	113.03
July	2398	3240	3679	3754	3811	3882	3202	3398	3683	92.26	111.07
August	2506	3597	3632	3654	3649	3738	3158	3440	3651	94.22	112.44
September	2281	3012	3377	3296	3508	3556	3013	3174	3366	94.30	103.75
October	2338	3314	3259	3293	3334	3472	3087	3133	3333	94.00	102.40
November	2071	3099	3112	3268	2888	3071	2799	2920	3097	94.28	95.44
December	1902	2847	2971	3050	2955	3096	2710	2803	2988	93.81	91.62
Daily average for year	2251	3134	3207	3183	3272	3360	2916	3059	3249	94.15	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-42
Functional Class Minor Arterial

Route 26th Street North in Great Falls
Traffic Type City Arterial

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972	2424	433	17.9	299	12.3	282	11.6	276	11.4	270	11.1	267	11.0
1973	2439	379	15.5	291	11.9	278	11.4	272	11.2	269	11.0	266	10.9
1974	2338	316	13.5	283	12.1	273	11.7	267	11.4	264	11.3	261	11.2
1975	2706	425	15.7	307	11.3	300	11.1	295	10.9	293	10.8	289	10.7
1976	2932	360	12.3	324	11.1	317	10.8	311	10.6	309	10.5	307	10.5
1977	3037	370	12.2	335	11.0	330	10.9	324	10.7	321	10.6	318	10.5
1978	2850	367	12.9	335	11.8	326	11.4	318	11.2	314	11.0	310	10.9
1979	2997	389	13.0	350	11.7	341	11.4	333	11.1	328	10.9	326	10.8
1980	Out of service in January												
1981	2852	392	13.7	325	11.4	315	11.0	310	10.9	306	10.7	304	10.6
1982	2860	872*	30.5	338	11.8	329	11.5	322	11.3	318	11.1	315	11.0
1983	3059	402	13.1	366	12.0	354	11.6	348	11.4	343	11.2	338	11.1
* Demolition Day - The day the stack came down - 9-18-82 - 9A-10A													

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-43 YEAR 1983
LOCATION U.S. 191, Big Sky

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 28.7 % Foreign Pass Cars 23.2 % Pickups 29.5 % Commercial 18.6 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1525	1036	939	1016	1088	1371	1557	1234	1087	113.52	73.58
February	1764	1214	1031	1081	1157	1556	1660	1352	1208	111.92	80.61
March	1644	1128	1157	1242	1327	1534	1757	1383	1273	108.64	82.46
April	1523	1088	1039	1067	1112	1395	1490	1258	1152	109.20	75.01
May	1432	1253	1154	1125	1184	1376	1512	1290	1217	106.00	76.92
June	2193	1927	1934	1899	1958	2134	2221	2031	1967	103.25	121.10
July	2697	2530	2439	2503	2517	2815	2768	2625	2573	102.02	156.51
August	2750	2398	2402	2486	2613	2766	2787	2584	2519	102.58	154.07
September	2122	1966	1786	1740	1874	2104	2194	1971	1903	103.57	117.52
October	1663	1653	1591	1725	1738	1921	1791	1724	1722	100.12	102.79
November	1463	1283	1366	1474	1370	1537	1492	1426	1407	101.35	85.02
December	973	1159	1262	1279	1298	1446	1258	1248	1296	96.30	74.41
Daily average for year	1813	1553	1508	1553	1603	1830	1874	1677	1610	104.16	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-43
Functional Class Principal Arterial

Route U.S. 191, 35.0 miles south of Bozeman
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972	1240	220	17.7	201	16.2	192	15.5	188	15.2	184	14.8	180	14.5
1973	1262	259	20.5	228	18.1	210	16.6	206	16.3	201	15.9	197	15.6
1974	1217	239	19.6	213	17.5	206	16.9	199	16.4	193	15.9	187	15.4
1975	1178	256	21.7	217	18.4	207	17.6	194	16.5	186	15.8	177	15.0
1976	1309	284	21.7	249	19.0	233	17.8	219	16.7	212	16.2	202	15.4
1977	1352	267	19.7	233	17.2	219	16.2	213	15.8	210	15.5	205	15.2
1978	1418	274	19.3	243	17.1	229	16.1	219	15.4	214	15.1	211	14.9
1979	1321	268	20.3	208	15.7	198	15.0	191	14.5	189	14.3	183	13.9
1980	1320	231	17.5	209	15.8	202	15.3	191	14.5	188	14.2	183	13.9
1981	1483	259	17.5	231	15.6	219	14.8	215	14.5	210	14.2	207	14.0
1982	1492	302	20.2	246	16.5	235	15.8	227	15.2	217	14.5	212	14.2
1983	1677	277	16.5	247	14.7	238	14.2	235	14.0	232	13.8	230	13.7

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-44
LOCATION Big Mountain Ski Road

YEAR 1983

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montono Pass Cars_____% Foreign Poss Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day Sunday thru Saturday	Average Weekday Monday thru Friday		
	SUN	MON	TUE	WED	THUR	FRI	SAT				
January	2453	1332	1716	1652	1856	2360	3432	2143	1762	121.62	206.59
February	2912	1746	1938	1973	2192	3081	3672	2502	2186	114.46	241.19
Morch	2016	1273	1398	1567	1751	1882	2732	1780	1574	113.09	171.59
April	1513	1006	829	762	718	1070	1244	1029	886	116.14	99.20
May	306	158	170	160	166	157	209	192	163	117.79	18.51
June	274	272	284	269	271	254	245	267	270	98.89	25.74
July	631	543	551	499	574	557	665	578	545	106.06	55.72
August	714	614	659	577	632	718	697	654	637	102.67	63.05
September	496	493	450	434	433	486	436	461	459	100.44	44.44
October	240	487	436	468	462	504	306	408	472	86.44	39.33
November	316	535	534	547	423	515	416	474	513	92.40	45.69
December	1445	1800	2028	2270	1870	2015	2235	1960	1991	98.44	188.95
Daily overage for year	1110	855	916	932	945	1133	1357	1037	955	108.59	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-44
Functional Class Major Collector

Route Big Mountain Ski Road
Traffic Type Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974	575	478	83.1	371	64.5	282	49.0	254	44.1	222	38.6	194	33.7
1975	598	629	105.2	422	70.6	377	63.0	319	53.3	292	48.8	266	44.5
1976	690	598	98.2	526	86.4	446	73.2	399	65.5	359	58.9	329	54.0
1977	820	451	55.0	390	47.6	344	42.0	315	38.4	282	34.4	266	32.4
1978	786	633	80.5	478	60.8	416	52.9	367	46.7	341	43.4	319	40.6
1979	737	836	113.4	510	69.2	446	60.5	371	50.3	338	45.9	313	42.5
1980	700	694	99.1	528	75.4	449	64.1	385	55.0	359	51.3	326	46.6
1981	673	575	85.4	400	59.4	321	47.7	282	41.9	260	38.6	242	36.0
1982	Out of service 12-1 to 12-15-82												
1983	1037	681	65.7	552	53.2	482	46.5	424	40.9	379	36.6	348	33.6

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-45 YEAR 1983

LOCATION Hungry Horse Dam Rd.

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	72	21	47	25	32	28	63	42	80	140.00	14.26
February	131	33	34	24	33	33	79	52	31	167.74	17.66
March	141	46	50	60	74	54	111	75	57	131.58	25.47
April	204	85	89	73	85	104	155	115	88	130.68	39.05
May	459	268	161	160	153	181	403	259	188	137.77	87.95
June	704	424	469	409	408	379	512	468	417	112.23	158.91
July	1162	898	830	785	765	804	958	894	816	109.56	303.56
August	985	666	696	700	688	717	897	757	693	109.24	257.05
September	648	490	368	366	385	403	531	452	402	112.44	153.48
October	335	254	252	235	236	251	302	269	246	109.35	91.34
November	170	81	104	95	85	119	218	123	97	126.80	41.76
December	54	22	22	29	25	22	27	28	24	116.67	9.51
Daily average for year	422	274	260	247	247	258	355	295	257	114.79	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-45
Functional Class Minor Collector

Route Hungry Horse Dam Road
Traffic Type Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974													
1975													
1976	434	210	48.4	145	33.4	138	31.8	131	30.2	124	28.6	119	27.4
1977	360	192	53.3	159	44.2	137	38.1	130	36.1	123	34.2	117	32.5
1978	342	203	59.4	154	45.0	137	40.1	127	37.1	121	35.4	117	34.2
1979	310	142	45.8	123	39.7	111	35.8	105	33.9	100	32.2	97	31.3
1980	300	158	52.7	126	42.0	113	37.7	110	36.7	104	34.7	102	34.0
1981	333	167	50.2	132	39.6	121	36.3	112	33.6	110	33.0	106	31.8
1982	295	165	55.9	134	45.4	124	42.0	116	39.3	112	38.0	107	36.3
1983	295	169	57.3	135	45.8	123	41.7	115	39.0	108	36.6	105	35.6

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-46 YEAR 1983

LOCATION Burnham, M.P. 372.85

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 53.6 % Foreign Pass Cars 3.3 % Pickups 34.3 % Commercial 8.8 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	751	1000	910	972	977	1161	855	939	1004	93.53	67.93
February	1007	1038	960	994	1113	1224	1057	1056	1066	99.06	76.39
March	1070	1123	1136	1126	1283	1296	1055	1158	1191	97.23	83.78
April	1273	1270	1288	1332	1331	1507	1265	1328	1353	98.15	96.07
May	1420	1339	1278	1393	1297	1613	1558	1407	1377	102.18	101.78
June	1827	1738	1686	1809	1733	1866	1575	1749	1767	98.98	126.53
July	1948	2051	2059	2142	2065	2260	1913	2060	2122	97.08	149.02
August	1946	1962	1874	1923	2013	2125	1914	1961	1972	99.44	141.86
September	1372	1462	1477	1483	1515	1668	1415	1492	1527	97.71	107.93
October	1182	1281	1296	1346	1347	1572	1288	1322	1364	96.92	95.64
November	1101	1077	1120	1298	1229	1284	1140	1180	1202	98.17	85.36
December	717	949	1026	1041	955	1006	855	936	994	94.16	67.71
Daily average for year	1301	1358	1343	1405	1405	1549	1324	1382	1412	97.88	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-46
Functional Class Principal Arterial

Route U.S. 2, West of Havre
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974													
1975													
1976													
1977													
1978													
1979													
1980	1318	233	17.7	197	14.9	178	13.5	173	13.1	169	12.8	164	12.4
1981	1427	236	16.5	201	14.1	189	13.2	182	12.8	176	12.3	173	12.1
1982	1346	252	18.7	194	14.4	187	13.9	183	13.6	179	13.3	176	13.1
1983	1382	222	16.1	200	14.5	194	14.0	189	13.7	184	13.3	180	13.0

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-47 YEAR 1984

LOCATION U.S. 93, north of Florence, M.P. 73.7

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 51.7 % Foreign Pass Cars 6.4 % Pickups 33.9 % Commercial 8.0 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	3190	3560	3636	3616	3816	4367	3730	3682	3788	97.20	76.10
February	3768	3913	3896	3843	4047	4614	4440	4074	4062	100.30	84.20
March	4124	4389	4380	4349	4607	4965	4920	4525	4526	99.98	93.52
April	4313	4571	4533	4676	4735	5359	4966	4765	4803	99.21	98.48
May	4601	4721	4882	5011	5049	5699	5288	5007	5048	99.19	103.49
June	4968	5333	5367	5391	5501	5838	5422	5406	5482	98.61	111.73
July	5087	5524	5838	5837	5852	6430	5621	5738	5922	96.89	118.59
August	5309	5762	5720	5793	5836	6371	5724	5785	5878	98.42	119.57
September	4741	5138	5423	5426	5493	6210	5737	5479	5567	98.42	113.24
October	4424	4933	4890	5002	5199	5772	5326	5060	5148	98.29	104.58
November	4068	4506	4567	4887	4532	5184	4840	4660	4734	98.44	96.31
December	3045	3933	4031	3853	3921	4351	3894	3880	4028	96.33	80.19
Daily average for year	4303	4690	4764	4807	4882	5430	4992	4838	4916	98.41	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-47
Functional Class Principal Arterial

Route U.S. 93, North of Florence
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974													
1975													
1976													
1977													
1978													
1979													
1980	4436	511	11.5	488	11.0	475	10.7	465	10.5	460	10.4	455	10.3
1981	4491	558	12.4	489	10.9	481	10.7	471	10.5	464	10.3	458	10.2
1982	4357	516	11.8	474	10.9	468	10.7	460	10.6	453	10.4	447	10.3
1983	4838	587	12.1	545	11.3	529	10.9	521	10.8	516	10.7	510	10.5

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-48 YEAR 1983

LOCATION U.S. 287, near Hebgen Dam, M.P. 6.9

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Poss Cars 18.3 % Foreign Poss Cars 31.0 % Pickups 41.6 % Commercial 9.1 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	60	41	27	45	43	51	65	48	41	117.07	12.57
February	91	54	38	49	43	84	91	64	54	118.52	16.76
March	96	46	55	42	55	66	69	60	52	115.38	15.71
April	102	56	65	64	65	81	114	79	67	117.91	20.69
May	412	278	208	165	181	248	390	272	218	124.77	71.24
June	722	666	660	632	660	637	661	661	650	101.69	173.11
July	1392	1241	1221	1244	1253	1184	1323	1269	1226	103.51	332.34
August	1209	1079	1118	1108	1153	1163	1204	1143	1121	101.96	299.35
September	763	610	537	502	555	583	762	613	558	109.86	160.54
October	259	184	170	188	212	217	253	214	194	110.31	56.05
November	171	93	93	99	120	148	171	126	109	115.60	33.00
December	33	30	34	34	31	30	39	33	32	103.13	8.64
Daily average for year	443	365	352	348	364	374	429	382	360	106.11	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-48
Functional Class ~~Minor Arterial~~

Route U.S. 287, East of Hebgen Dam
Traffic Type Primary - Recreational

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974													
1975													
1976													
1977													
1978													
1979													
1980	312	128	41.0	113	36.2	103	33.0	102	32.7	99	31.7	97	31.1
1981	373	155	41.6	134	35.9	125	33.5	121	32.4	117	31.4	116	31.1
1982	373	159	42.6	146	39.1	139	37.3	133	35.7	129	34.6	126	33.8
1983	382	175	45.8	138	36.1	131	34.3	128	33.5	126	33.0	124	32.5

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-49 YEAR 1983

LOCATION Mont. 39, Colstrip, M.P. 50.7

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 45.8 % Foreign Pass Cars 3.6 % Pickups 30.7 % Commercial 19.9 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	1046	1509	1414	1482	1496	1967	1404	1459	1570	92.93	85.58
February	1261	1603	1567	1463	1522	2052	1585	1579	1641	96.22	92.61
March	1243	1680	1670	1702	1722	2047	1567	1665	1756	94.82	97.66
April	1279	1869	1824	1861	1913	2218	1609	1804	1950	92.51	105.81
May	1358	1919	2003	1890	1805	2412	1781	1869	2002	93.36	109.62
June	1493	2096	2044	2092	2135	2492	1715	2016	2166	93.07	118.25
July	1327	1907	2125	2092	2101	2558	1594	1945	2176	89.38	114.08
August	1454	2130	2133	2125	2117	2509	1713	2036	2193	92.84	119.42
September	1173	1656	1897	1784	1928	2351	1678	1805	1943	92.90	105.87
October	1236	1727	1706	1695	1817	2182	1726	1711	1821	93.96	100.36
November	1103	1456	1396	1532	1375	1700	1283	1410	1489	94.69	82.70
December	744	1101	1179	1196	1189	1479	1149	1160	1239	93.62	68.04
Daily average for year	1226	1721	1747	1743	1760	2164	1567	1705	1829	93.22	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-49
Functional Class Minor Arterial

Route Mont. 39, Just South of I-94
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974													
1975													
1976													
1977													
1978													
1979													
1980	1186	303	25.5	256	21.6	237	20.0	216	18.2	202	17.0	189	15.9
1981	1394	457	32.8	347	24.9	291	20.9	256	18.4	236	16.9	229	16.4
1982	1752	495	28.3	448	25.6	410	23.4	371	21.2	330	18.8	320	18.3
1983	1705	404	23.7	390	22.9	368	21.6	344	20.2	309	18.1	294	17.2

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-50 YEAR 1983

LOCATION On Main between Milton Rd. & Hamten Lane in Billings

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	18389	24693	24240	24551	24950	27829	23339	23819	25226	94.42	88.89
February	21095	25834	25362	25092	25899	29801	27142	25746	26398	97.53	96.08
March	21140	26780	26868	27090	28048	29160	27242	26687	27556	96.85	99.60
April	21561	27583	27129	27407	27705	31638	28545	27548	28452	96.82	102.81
May	22648	26774	28530	27540	27466	31882	29275	27562	28367	97.16	102.86
June	22050	28726	28260	28531	29475	31645	28381	28209	29298	96.28	105.28
July	21287	26849	27817	27317	28090	31168	26159	26882	28387	94.70	100.32
August	22682	28743	28543	29200	29777	32122	28142	28494	29566	96.37	106.34
September	21220	25596	28489	27794	28200	31731	28305	27509	28508	96.50	102.66
October	21373	28116	27831	28448	28697	32110	28859	27744	28796	95.68	103.54
November	19617	26964	26837	30662	24711	29579	26046	26505	27841	95.20	98.92
December	17343	24282	25578	25621	25879	28965	24894	24838	26188	94.84	92.70
Daily average for year	20867	26745	27124	27438	27408	30636	27194	26795	27899	96.04	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-50
Functional Class Principal Arterial

Route Main Street - Billings
Traffic Type Primary - Urban

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974													
1975													
1976													
1977													
1978													
1979													
1980													
1981	25085	2468	9.8	2400	9.6	2359	9.4	2333	9.3	2303	9.2	2290	9.1
1982	25471	2635	10.3	2547	10.0	2498	9.8	2469	9.7	2449	9.6	2431	9.5
1983	26795	2880	10.8	2747	10.3	2701	10.1	2638	9.9	2614	9.8	2602	9.7

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-51 YEAR 1983

LOCATION On Broadwater between 22nd & Gay Place in Billings

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	10260	12900	12699	12996	13177	14813	12941	12750	13297	95.88	93.89
February	11170	13590	13027	13114	13253	15329	14488	13424	13663	98.25	98.86
March	11587	13643	13791	13889	14471	14974	14857	13903	14140	98.32	102.38
April	11037	13908	13918	14338	14468	16511	15700	14391	14718	97.78	105.98
May	11801	14010	14940	14455	14362	16973	16147	14565	14905	97.72	107.26
June	11630	15593	15123	15482	15758	16935	15142	15130	15764	95.98	111.42
July	10170	14157	14700	14686	14756	16332	13529	14066	14993	93.82	103.58
August	11291	15447	15290	15242	15454	16533	14052	14813	15558	95.21	109.08
September	10858	13289	14799	14616	14863	16596	14528	14322	14914	96.03	105.47
October	10372	13336	12960	13449	13384	15083	14187	13193	13628	96.81	97.16
November	8168	10911	11055	11386	9919	12443	11575	10809	11150	96.94	79.60
December	8149	11569	11863	11747	11809	13304	12060	11586	12104	95.72	85.32
Daily average for year	10586	13529	13597	13783	13806	15486	14101	13579	14069	96.52	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-51
Functional Class Minor Arterial

Route Broadwater Ave. - Billings
Traffic Type Urban

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974													
1975													
1976													
1977													
1978													
1979													
1980													
1981	13058	1562	12.0	1415	10.8	1363	10.4	1320	10.1	1296	9.9	1280	9.8
1982	13252	1504	11.3	1423	10.7	1397	10.5	1383	10.4	1364	10.3	1352	10.2
1983	13579	1490	11.0	1443	10.6	1421	10.5	1402	10.3	1392	10.3	1375	10.1

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-52

LOCATION Old Hardin Rd. between Peters & Piccolo in Billings

YEAR 1983

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 59.5 % Foreign Pass Cars 1.2 % Pickups 33.5 % Commercial 5.8 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	4672	5769	5691	5773	5826	6212	5769	5647	5850	96.53	88.59
February	5399	5844	5921	5875	5999	6685	6316	6005	6065	99.01	94.21
March	5472	6225	6371	6477	6602	6666	6461	6340	6470	97.99	99.46
April	5724	6574	6536	6627	6613	7314	7149	6687	6760	98.92	104.91
May	5767	6520	6962	6722	6545	7462	7206	6709	6833	98.19	105.25
June	5899	7369	7076	7440	7415	7843	6881	7152	7429	96.27	112.20
July	4974	5159	5450	4911	4643	6862	6032	5483	5474	100.16	86.02
August	5603	6980	7117	7082	7228	7725	6776	6943	7205	96.36	108.92
September	5350	6129	6919	6656	6791	7418	6594	6588	6812	96.71	103.35
October	5494	6743	6582	6795	6903	7366	6860	6647	6871	96.74	104.28
November	5129	6375	6500	6637	6221	6857	6282	6305	6523	96.66	98.92
December	4682	6037	6141	6077	6073	6581	6102	5985	6195	96.61	93.89
Daily average for year	5347	6310	6439	6423	6405	7083	6551	6374	6541	97.45	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-52
Functional Class Major Collector

Route Old Hardin Road - Billings
Traffic Type Urban

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974													
1975													
1976													
1977													
1978													
1979													
1980													
1981	5945	645	10.8	621	10.4	612	10.3	603	10.1	599	10.1	593	10.0
1982	6164	784	12.7	697	11.3	677	11.0	669	10.9	665	10.8	659	10.7
1983	6374	768	12.1	723	11.3	709	11.1	690	10.8	682	10.7	674	10.6

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-53 YEAR 1983

LOCATION U.S. 12, east of Miles City, M.P. 100

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 38.1 % Foreign Pass Cars 9.2 % Pickups 31.8 % Commercial 20.9 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	350	376	400	416	404	487	385	399	415	96.14	69.66
February	413	427	443	401	437	546	442	444	451	98.45	77.52
March	361	403	479	460	485	498	401	444	466	95.28	77.52
April	502	495	505	486	516	599	485	515	524	98.28	89.92
May	582	584	611	514	485	606	573	568	564	100.71	99.17
June	660	670	662	639	703	723	728	683	679	100.59	119.25
July	616	740	719	698	690	748	636	690	720	95.83	120.47
August	622	728	711	725	753	749	646	706	732	96.45	123.27
September	582	654	690	669	677	754	629	668	691	96.67	116.63
October	687	694	714	736	741	806	705	723	736	98.23	126.23
November	694	556	602	635	618	692	707	642	620	103.55	112.09
December	304	403	430	401	376	451	368	391	413	94.67	68.27
Daily average for year	531	561	581	565	574	638	559	573	584	98.12	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-53
Functional Class Principal Arterial

Route U.S. 12, East of Miles City
Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974													
1975													
1976													
1977													
1978													
1979													
1980													
1981	583	123	21.1	76	13.0	70	12.0	64	11.0	61	10.5	60	10.3
1982	535	86	16.1	75	14.0	71	13.3	69	12.9	67	12.5	66	12.3
1983	573	95	16.6	83	14.5	79	13.8	76	13.3	74	12.9	73	12.7

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-54 YEAR 1983

LOCATION On 19th St. between Yellowstone & Wyoming

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars_____% Foreign Pass Cars_____% Pickups_____% Commercial_____%

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January											
February											
March											
April											
May											
June	3782	5763	5535	5814	5883	6142	5137	5418	5807	93.30	
July	3627	5031	5517	5633	5730	6055	4696	5146	5615	91.65	
August	3734	5497	5431	5414	5400	5755	4741	5169	5493	94.10	
September	3315	4031	4967	4992	5169	5577	4648	4718	4986	94.62	
October	3623	5648	5413	5630	5662	6113	5071	5257	5691	92.37	
November	3848	5645	5778	5839	4872	6200	5569	5421	5680	95.44	
December	3329	5318	5680	5585	5541	5902	5280	5267	5616	93.79	
Daily average for year											

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-54
Functional Class Collector

Route 19th St., Billings
Traffic Type Urban

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974													
1975													
1976													
1977													
1978													
1979													
1980													
1981				Counter was installed May 1983									
1983		702		617		603		586		579		571	

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-59 YEAR 1983

LOCATION U.S. 12, west of Helena, M.P. 40.1

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 59.0 % Foreign Pass Cars 2.8 % Pickups 28.2 % Commercial 10.0 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	2765	3040	2865	3144	2991	3322	2642	2952	3071	96.13	77.95
February	3163	3069	3050	3093	3103	3563	3072	3159	3175	99.50	83.41
March	3534	3459	3058	3342	3442	3804	3452	3426	3402	100.71	90.46
April	3626	3730	3493	3636	3616	4218	3584	3714	3761	98.75	98.07
May	3918	3773	3595	3780	3788	4509	4106	3908	3870	100.98	103.19
June	4421	4555	4289	4459	4439	5006	4426	4509	4540	99.32	119.06
July	5101	4876	4885	4845	4852	5594	5022	5046	5038	100.16	133.24
August	5092	4926	4802	4930	4866	5697	5049	5036	5024	100.24	132.98
September	4223	4168	4125	4204	4143	4876	4690	4358	4322	100.83	115.08
October	3341	3600	3409	3429	3186	3608	3218	3397	3453	98.38	89.70
November	3007	2865	2958	3511	2949	3429	2835	3089	3151	98.03	81.57
December	2265	3055	2886	2893	2852	3164	2782	2851	2973	95.90	75.29
Daily average for year	3705	3760	3618	3772	3686	4233	3740	3787	3815	99.27	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-59

Functional Class Principal Arterial

Route U.S. 12, West of Helena

Traffic Type Primary Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974													
1975													
1976													
1977													
1978													
1979													
1980													
1983	3787	610	16.1	501	13.2	482	12.7	467	12.3	457	12.1	443	11.7

AUTOMATIC RECORDER DATA BY MONTHS

STATION A-60 YEAR 1983

LOCATION U.S. 2, Martin City

FACTORS INFLUENCING THE TRAFFIC PATTERN

Montana Pass Cars 37.7 % Foreign Pass Cars 19.3 % Pickups 34.5 % Commercial 8.5 %

Month	Average Daily Number of Vehicles									Percent the Average Day is of the Average Weekday	Percent the Month Daily Average is of the Year Daily Average
	Day of Week							Average Day	Average Weekday		
	SUN	MON	TUE	WED	THUR	FRI	SAT	Sunday thru Saturday	Monday thru Friday		
January	2115	2006	1998	1985	2115	2450	2248	2130	2106	101.14	54.32
February	2687	2177	2195	2056	2270	2608	2628	2374	2261	105.00	60.54
March	2649	2395	2416	2415	2665	2764	2704	2565	2527	101.50	65.41
April	3086	2819	2741	2791	2860	3434	3260	3022	2953	102.34	77.06
May	4121	3567	3400	3247	3379	4121	4096	3704	3538	104.69	94.45
June	5547	4824	4857	4774	4927	5120	5197	5023	4896	102.59	128.09
July	7828	7121	6828	6618	6736	7629	7785	7271	7017	103.62	185.41
August	7661	6880	6446	6535	6739	7510	7623	7014	6796	103.21	178.86
September	5256	5044	4491	4419	4678	5336	5652	4984	4813	103.55	127.09
October	4293	3560	3394	3454	3597	4201	4308	3851	3637	105.88	98.20
November	2835	2674	2804	2796	2798	3248	3385	2925	2858	102.34	74.59
December	1811	2183	2254	2307	2227	2412	2125	2195	2280	96.27	55.98
Daily average for year	4157	3254	3652	3616	3749	4236	4251	3922	3807	103.02	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-60
Functional Class Principal Arterial

Route U.S. 2, Martin City
Traffic Type Primary Rural

		HIGHEST HOUR		10th		20th		30th		40th		50th	
YEAR	A.D.T.	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941													
1961													
1971													
1972													
1973													
1974													
1975													
1976													
1977													
1978													
1979													
1980													
1981													
1982	3549	737	20.8	660	18.6	643	18.1	628	17.7	623	17.6	612	17.2
1983	3922	765	19.5	723	18.4	693	17.7	673	17.2	662	16.9	656	16.7